FAX-B150/155

SERVICE REFERENCE MANUAL

REVISION 0

FAX-B150	H12-1633	230V	EC
FAX-B150	H12-1634	230V	UK
FAX-B150	H 12-1635	230V	GERM
FAX-B155	H12-1637	230V	FRN
FAX-B155	H 12-1638	230V	AUS
FAX-B155	H12-1946	230V	TAIWAN
FAX-B155	H 12-1949	230V	CHINA

Canon

FEB, 2000 **HY8-90C4-000**

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I. PREFACE

This manual is based on the following manuals, and only includes differences between **FAX-B150 and FAX-B155**.

HY8-10AD-000	**FAX-B150 SERVICE MANUAL, Rev.0**
HY8-30AB-000	**FAX-B150 PARTS CATALOG, Rev.0**
HY8-80AC-000	**FAX-B150 CIRCUIT DIAGRAM, Rev.0**

II. CONTENTS

CHAPTER 1 : POINTS OF DIFFERENCE FROM THE ORIGINAL MACHINE

This chapter explains the differences between this machine and the original one.

CHAPTER 2 : SERVICE INFORMATION

This chapter contains corrections and changes made to the original materials which were issued as Service Information before the publication of the Service Reference Manual.

CHAPTER 1
POINTS OF DIFFERNECE FROM THE ORIGINALMACHINE

1. Difference in Specifications and Functions

Added the Polling Reception Function.

Changed the Demo chart design.

2. Parts catalog

Part change in order to reduce cost. The main areas of change are shown below.

- The positions of the Operation Panel buttons have changed.
- The power supply unit has changed.
- The front cover sensor has been eliminated.
- The INTCNT board has been eliminated in order make the INTCNT board circuitry built into the SCNT board.
- We transferred electrical parts on INTCNT board to the SCNT board and deleted INTCNT board.

For details, please refer to the following pages of the Parts Catalogue.

3. Circuit Diagram

The SCNT board and Power supply unit circuit diagrams are attached in the following pages.

Other PCB-related items are the same as those in the FAX-B150.

1. ILLUSTRATION INDEX

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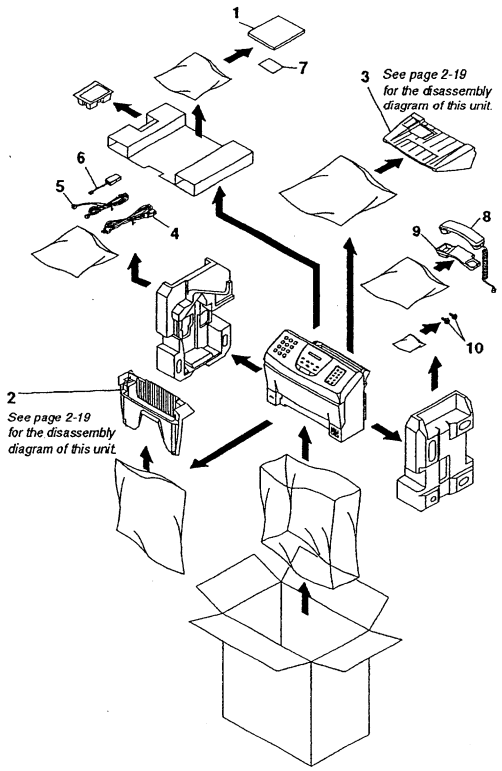

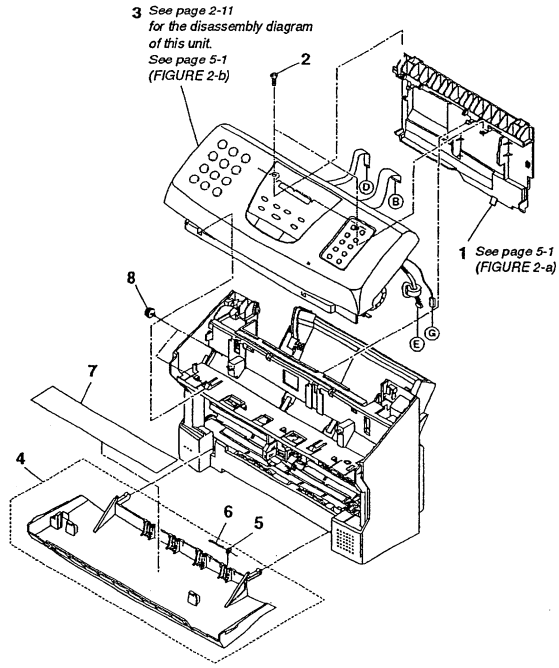

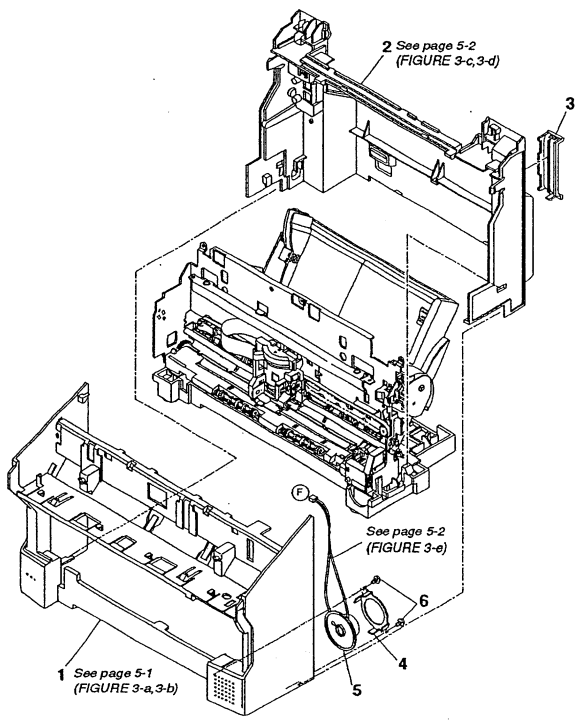

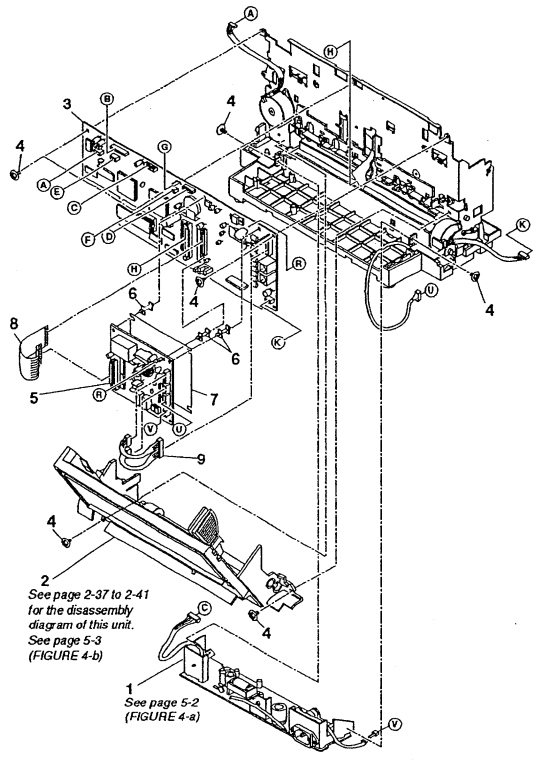

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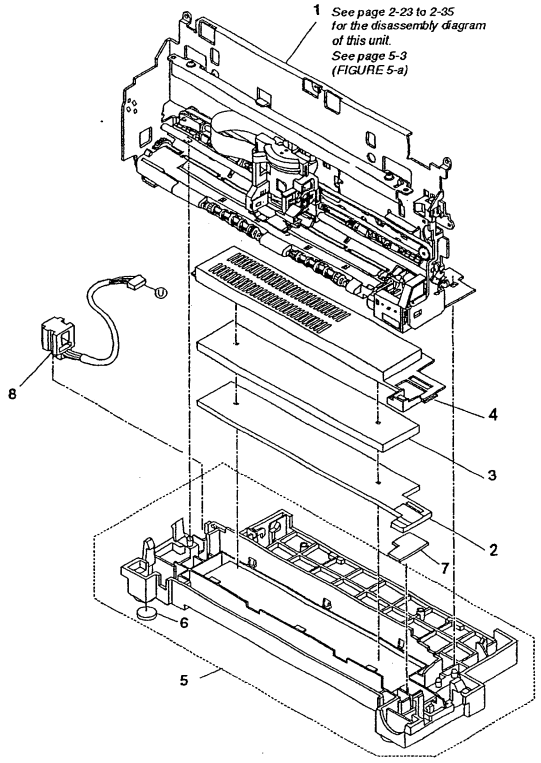

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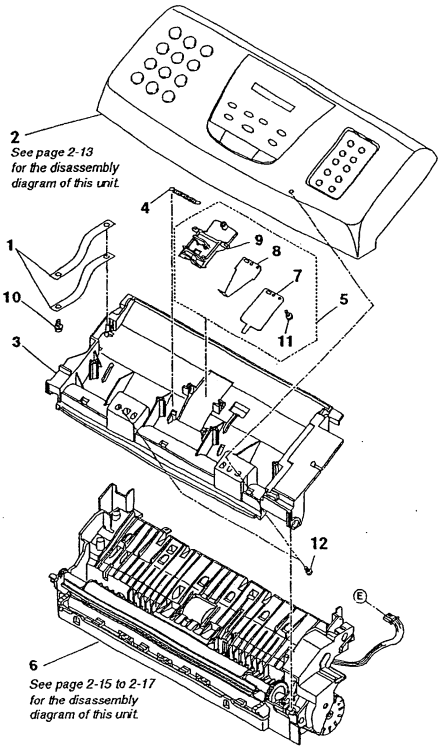

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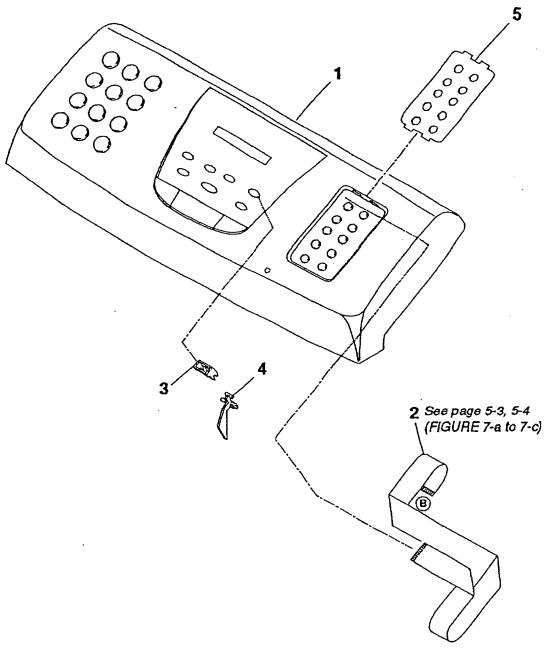

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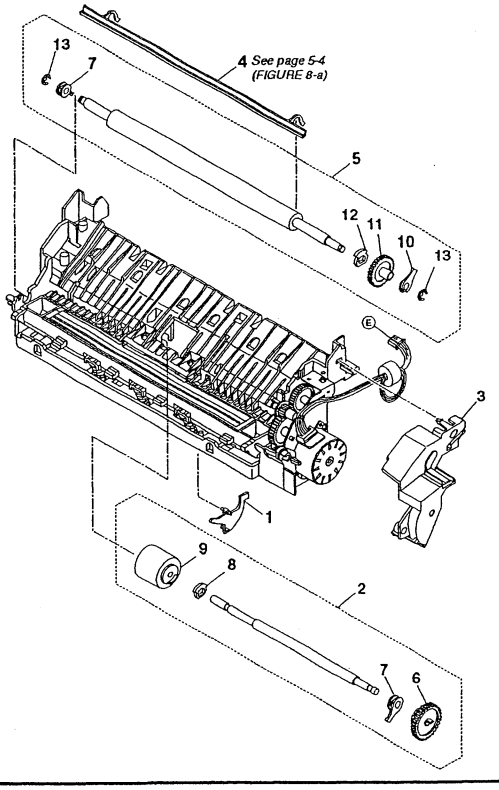

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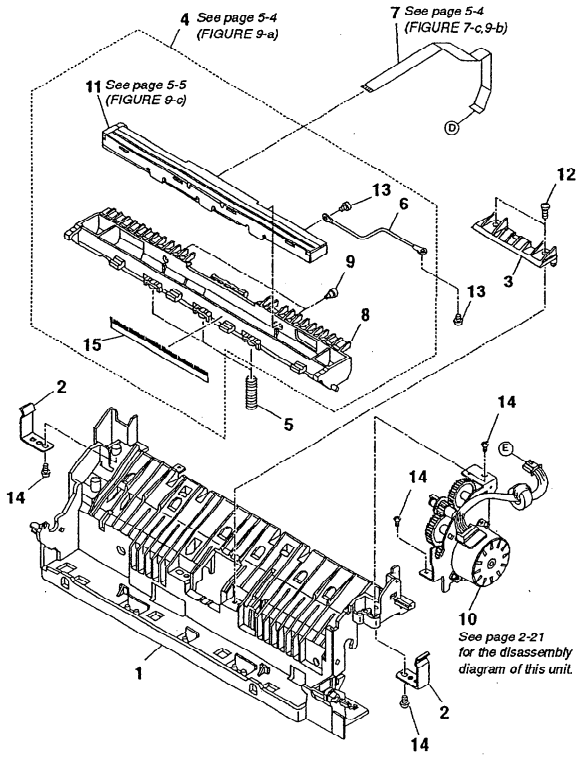

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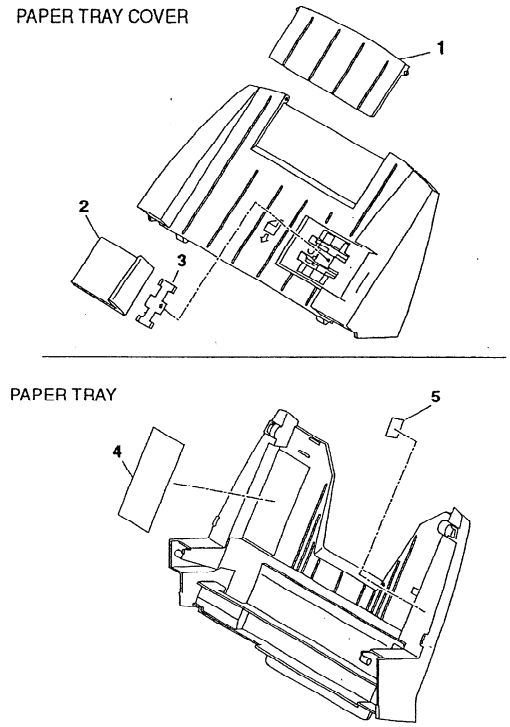

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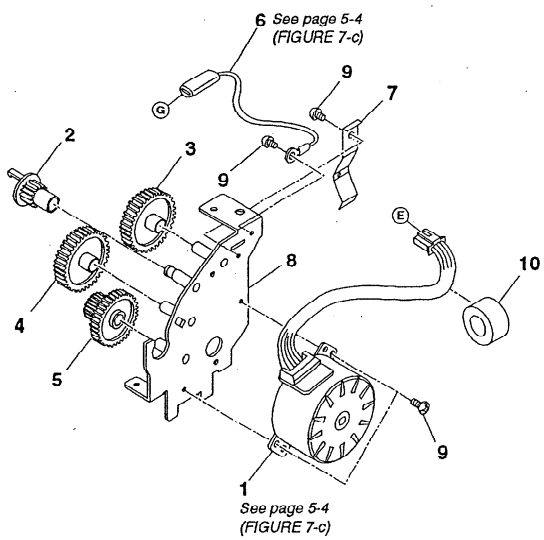

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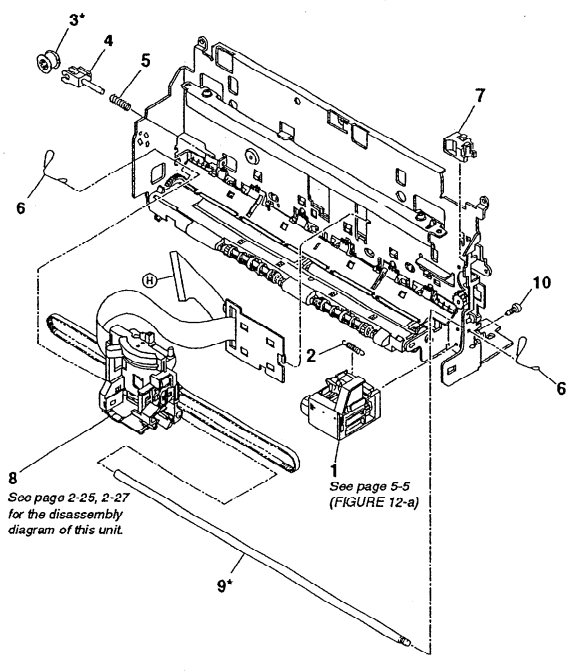

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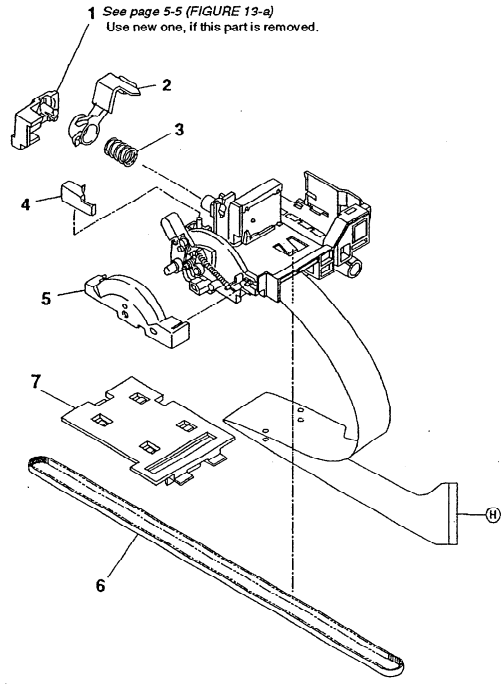

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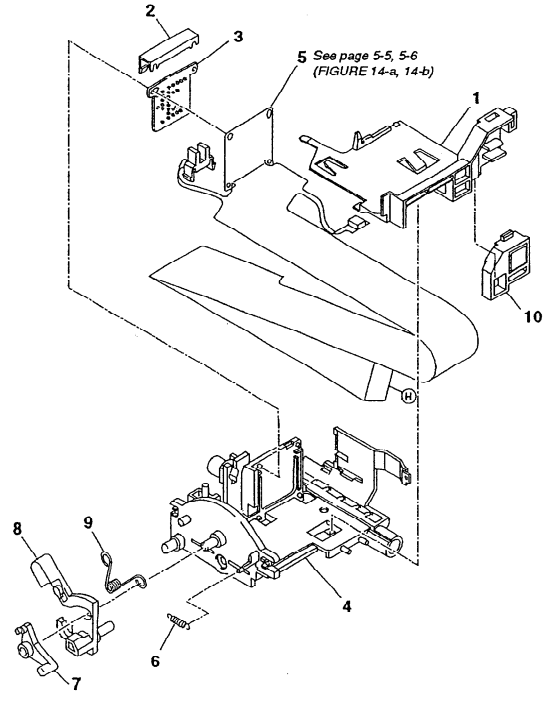

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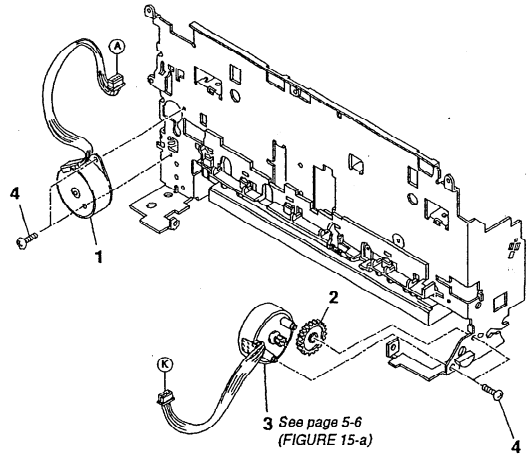

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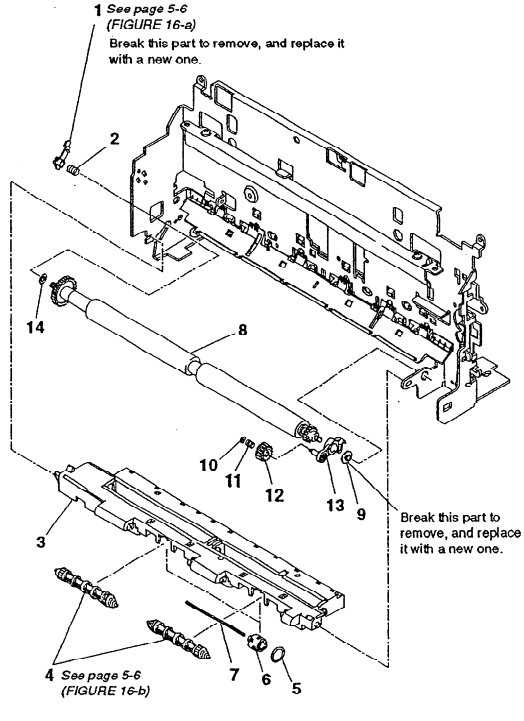

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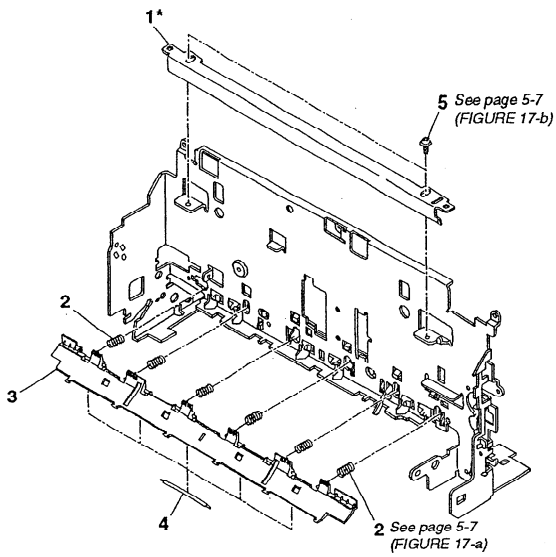

* = Lubrication
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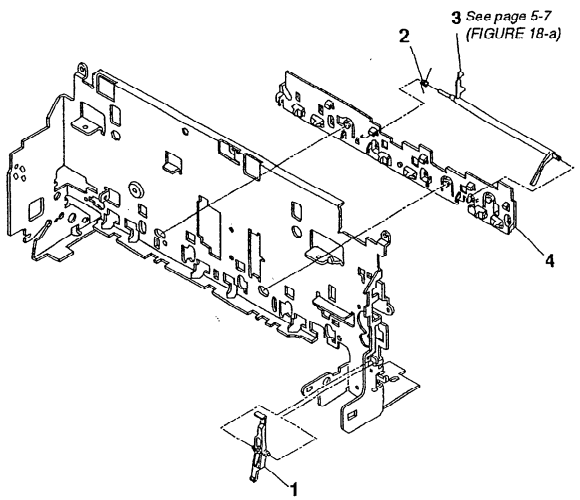

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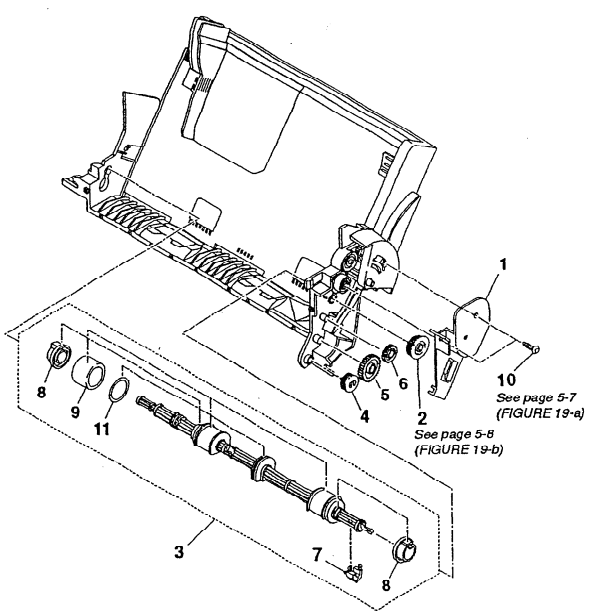

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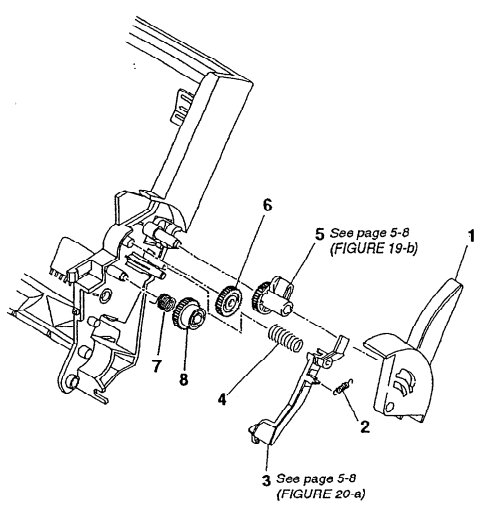

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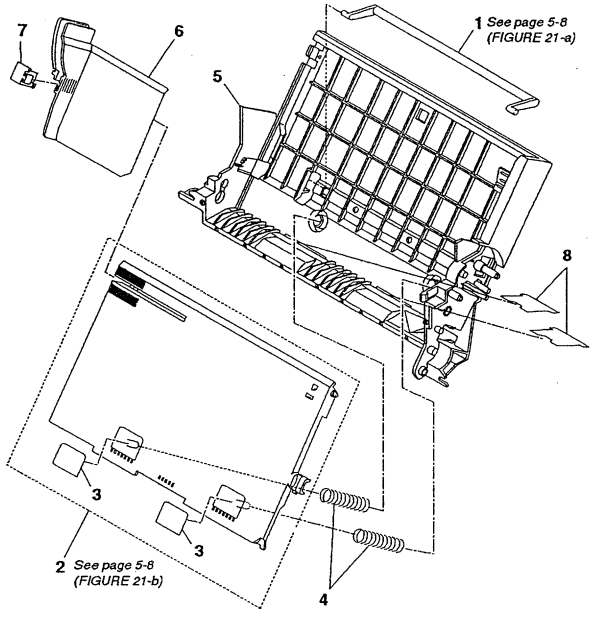

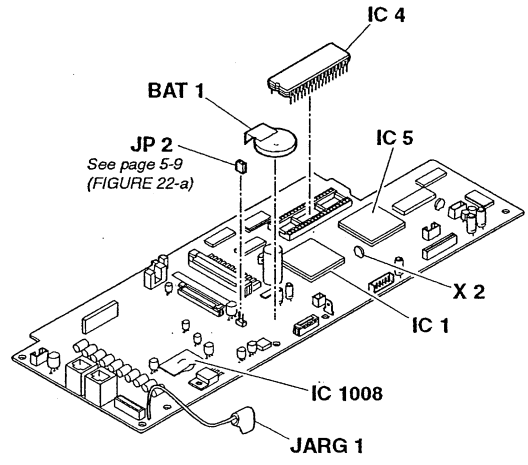

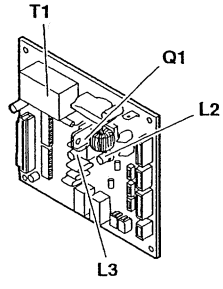

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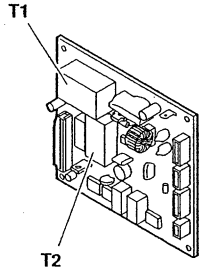

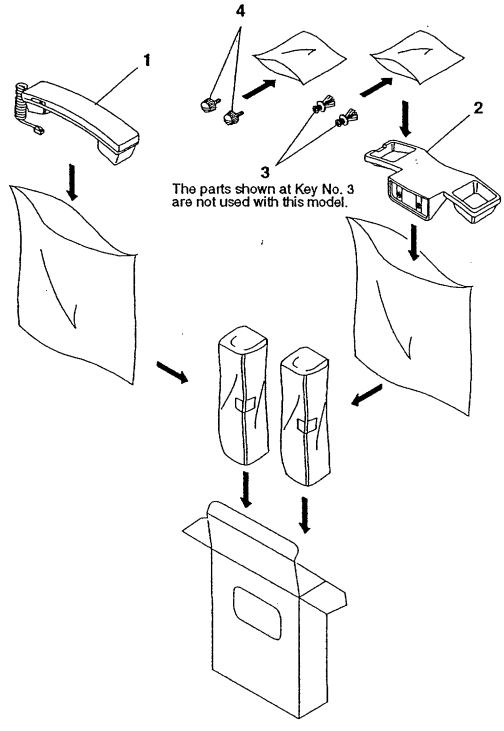

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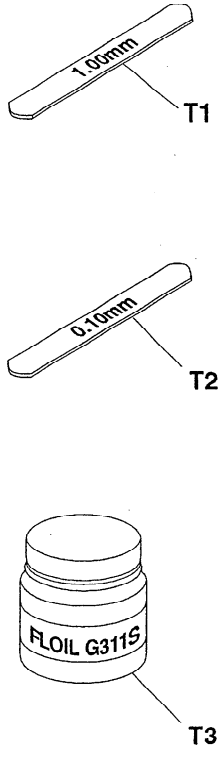			

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2. PARTS LAYOUT & PARTS LIST

FIGURE 1 FAX-B155 PACKAGE CONTENTS

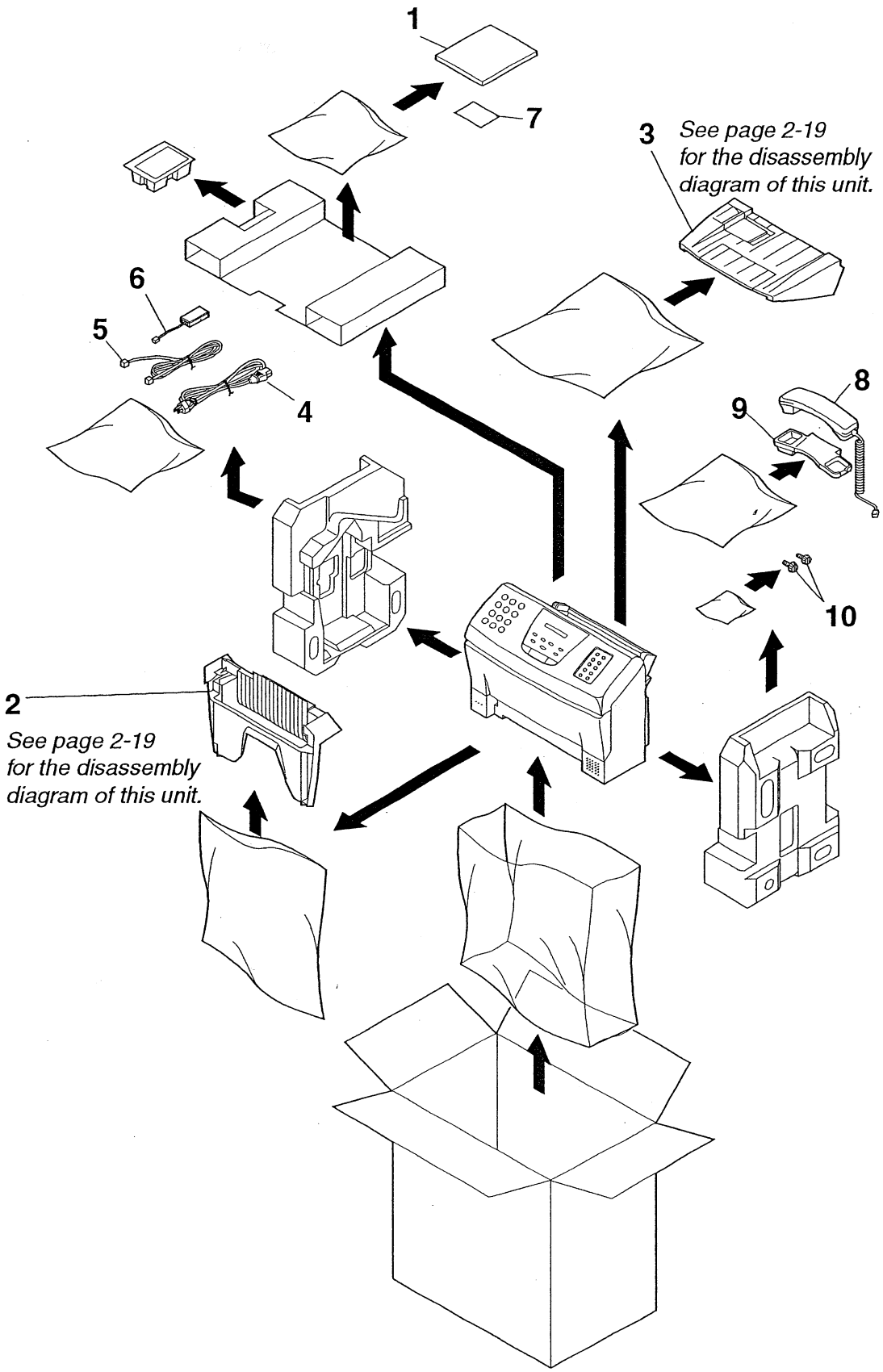

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FIGURE & KEY No.	PART No.	RANK	QTY	DESCRIPTION	REMARKS
1- 1	HT1-2142-000	N	1	USER'S GUIDE (ENGLISH)	UK AUS AE
	HT1-3087-000	N	1	USER'S GUIDE (MODELE FRANCE)	FRN
	HT1-5063-000	N	1	USER'S GUIDE (DEUTSCH)	GER
	HT1-6035-000	N	1	USER'S GUIDE (CHINESE)	CHN
2	HF5-0374-030		1	PAPER TRAY	
3	HG5-1187-030		1	PAPER TRAY COVER	
4	WT3-5020-000		1	CORD, POWER	GER FRN AE
	WT3-5021-000		1	CORD, POWER	TWN
	WT3-5058-000		1	CORD, POWER	UK
	WT3-5098-000		1	CORD, POWER SUPPLY	AUS
	WT3-5099-000		1	CORD, POWER SUPPLY	CHN
5	HH2-2074-000		1	MODULAR CORD (GER)	GER
	HH2-2484-020		1	MODULAR CORD, 2W	AE
	HH2-2824-000		1	MODULAR CORD, 2P	TWN CHN
	HH2-2849-000		1	CORD, MODULAR, 6P	UK
	HH2-2851-000		1	CORD, MODULAR, 6P	AUS
	HH2-2857-000		1	CORD, MODULAR, 6P	FRN
6	HH2-2756-000		1	BT-FCC ADAPTER	UK
7	HA2-0868-000		1	LABEL, MERCURY	UK
8	HH7-2104-000		1	HANDSET ASS'Y (USA, AG)	AE CHN
	HH7-2127-000		1	HANDSET ASS'Y	AUS
9	HB1-1264-000		1	HANDSET CRADLE	AUS AE CHN
10	XA9-0689-020		2	SCREW, HANDSET HOLDER	AUS AE CHN

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FIGURE 2 SCANNER UNIT & COVERS

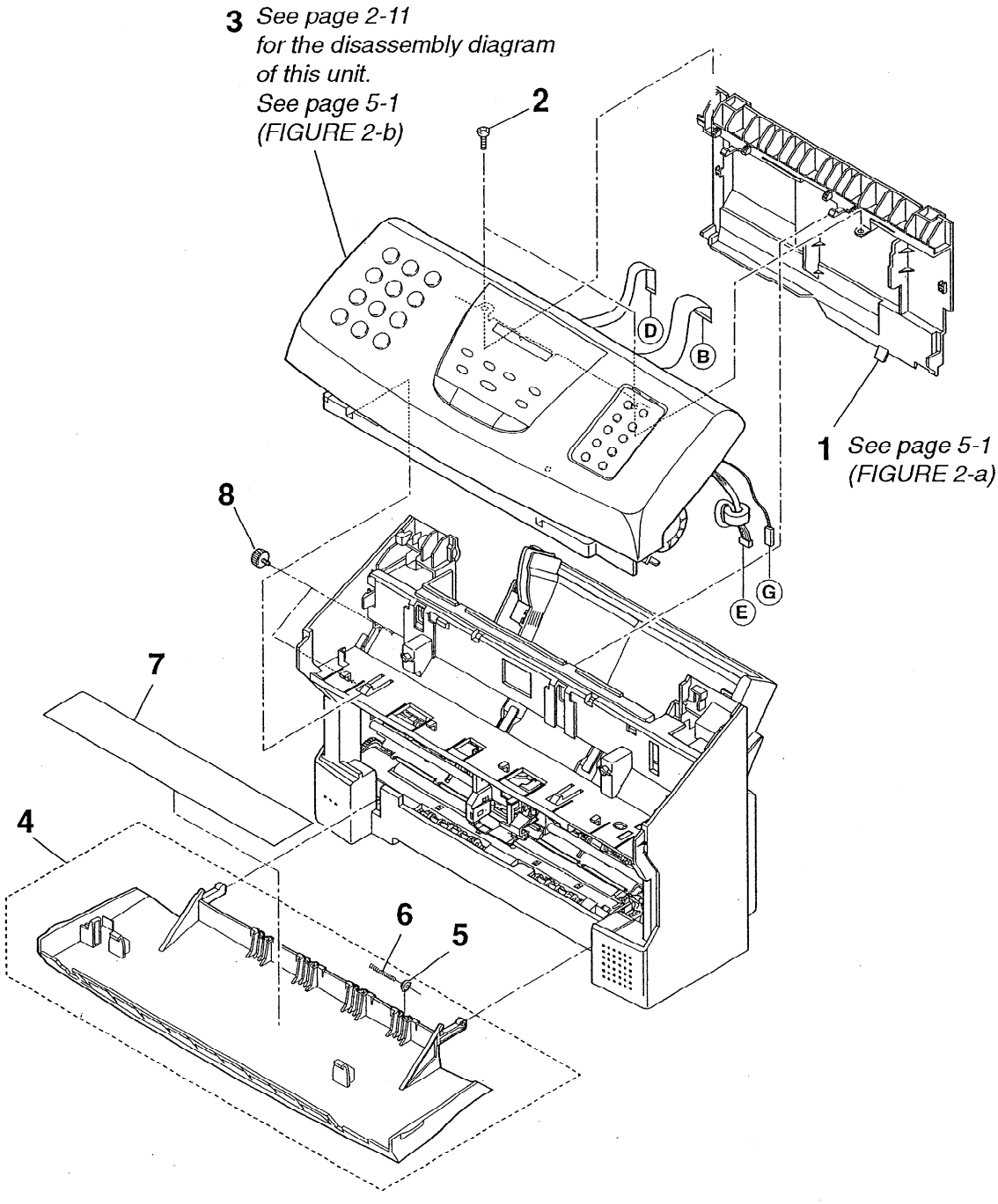

FIGURE & KEY No.	PART No.	RANK	QTY	DESCRIPTION	REMARKS
2- 1	HB1-1191-070		1	COVER, LOGIC BOARD	
2	XB4-7301-009		2	SCREW, BINDING HEAD M3X10	
3	NPN		1	SCANNER UNIT	
4	HG5-1190-040		1	FRONT COVER ASS'Y	
5	QB1-0517-000		4	SPUR	
6	QB1-0518-000		4	SPUR SHAFT	
7	HB1-1334-000		1	LABEL, CARTRIDGE	
8	XA9-0660-000		2	ROULETTE SCREW	EC UK GER FRN

FIGURE 3 MAIN COVER & SPEAKER

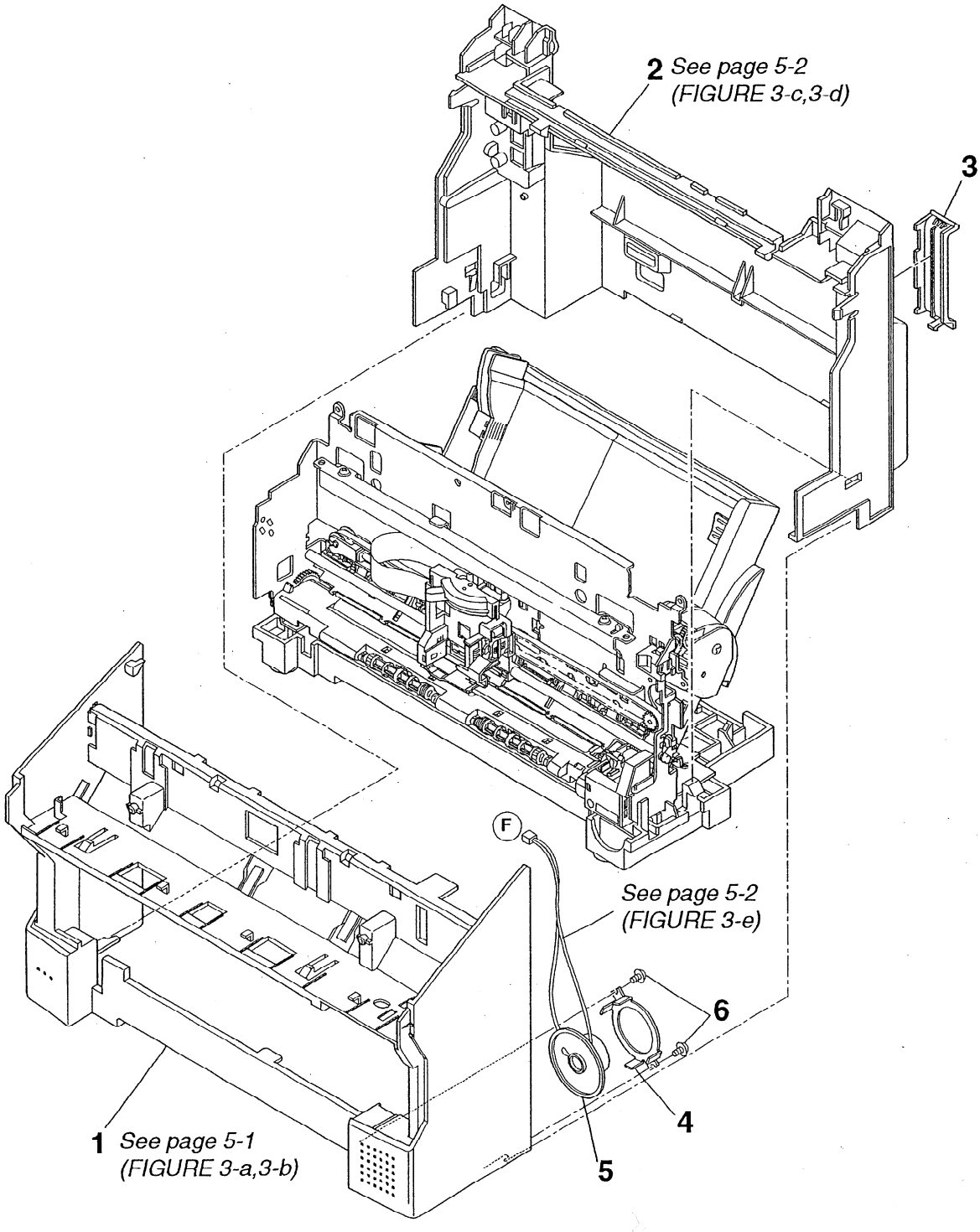

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FIGURE & KEY No.	PART No.	RANK	QTY	DESCRIPTION	REMARKS
3- 1	HB1-1223-090		1	COVER, MAIN (FRONT)	
2	HB1-1190-050		1	COVER, MAIN (REAR)	
3	HB1-1256-040		1	COVER, INTERFACE CONNECTOR	
4	HB1-1224-000	N	1	PLATE, SPEAKER MOUNTING	
5	HH7-2259-000		1	SPEAKER	
6	XB4-7300-807		2	SCREW, TAP TIGHT, BINDING HEAD	

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FIGURE 4 POWER SUPPLY UNIT & ASF & SCNT BOARD ASS'Y

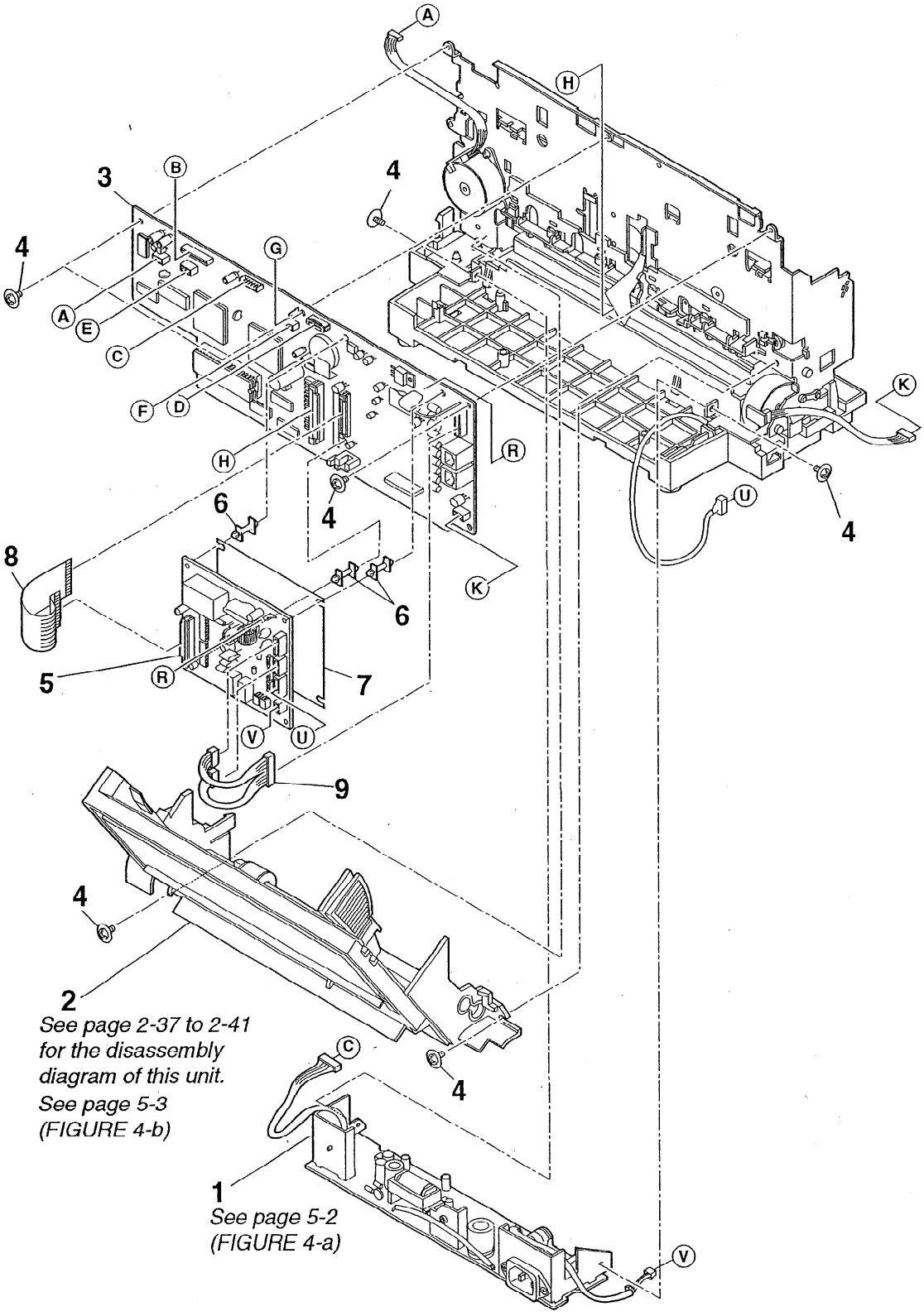

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FIGURE & KEY No.	PART No.	RANK	QTY	DESCRIPTION	REMARKS
4 - 1	HH3-5347-000		1	POWER SUPPLY UNIT	EC UK GER FRN AUS AE
	HH3-5349-000		1	POWER SUPPLY UNIT	TWN
	HH3-5350-000		1	POWER SUPPLY UNIT	CHN
2	HG5-0427-090		1	AUTO SHEET FEEDER ASS'Y	
3	HG1-4356-000		1	SCNT BOARD ASS'Y	EC UK GER AUS
	HG1-4357-000		1	SCNT BOARD ASS'Y	FRN
	HG1-4358-000		1	SCNT BOARD ASS'Y	AE TWN
	HG1-4363-000		1	SCNT BOARD ASS'Y	CHN
4	XB6-7300-407		7	SCREW, TP, PH M3X4	
5	HG1-4331-000		1	NCU BOARD ASS'Y	TWN CHN
	HG5-0616-090		1	NCU BOARD ASS'Y	EC UK GER
	HG5-0886-000		1	NCU BOARD ASS'Y	FRN
	HG5-1207-000		1	NCU BOARD ASS'Y	AE
	HG5-1224-020		1	NCU BOARD PCB ASSEMBLY	AUS
6	WT2-5415-000		3	SPACER	
7	HB1-2171-000		1	SHEET, INSULATION	
8	HH2-2528-000		1	FLAT CABLE	
9	HH2-2784-000		1	CABLE ASSEMBLY	

FIGURE 5 PRINTER ASS'Y & INK ABSORBER & LOWER COVER UNIT

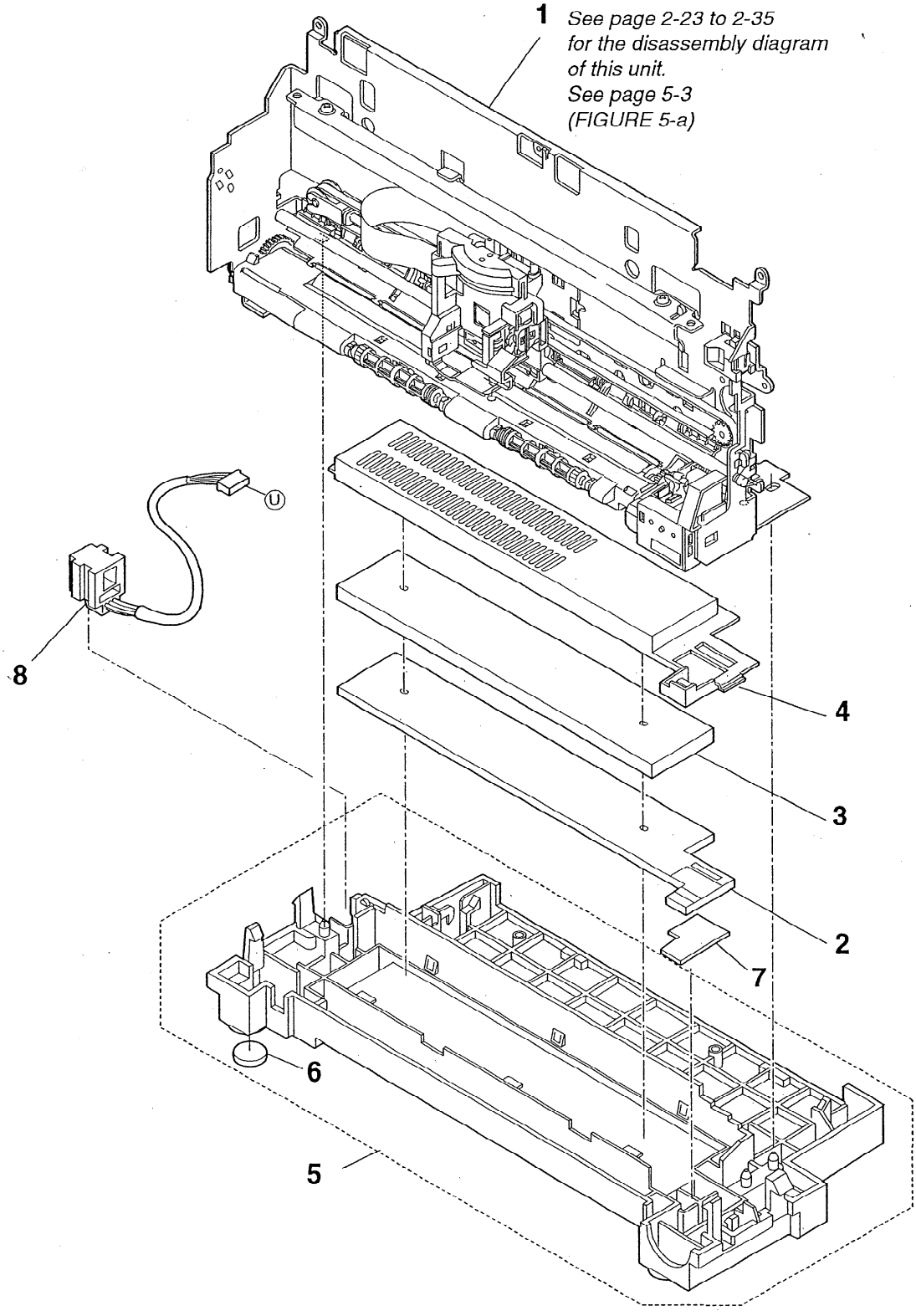

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FIGURE & KEY No.	PART No.	RANK	QTY	DESCRIPTION	REMARKS
5- 1	HG5-2147-000		1	PRINT ASS'Y	
2	QB1-0509-000	N	1	ABSORBER, WASTE INK	
3	QB1-0510-000	N	1	ABSORBER, WASTE INK	
4	QB1-0508-000	N	1	COVER, WASTE INK ABSORBER	
5	HF5-0108-020		1	LOWER COVER UNIT	
6	QB1-0507-000		4	FOOT, PRINTER	
7	HB1-2193-020	N	1	ABSORBER, WASTE INK	
8	HH2-2527-000		1	CABLE WITH MODULAR JACK	

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FIGURE 6 OPERATION PANEL UNIT & SEPARATION GUIDE & SCANNER BASE UNIT

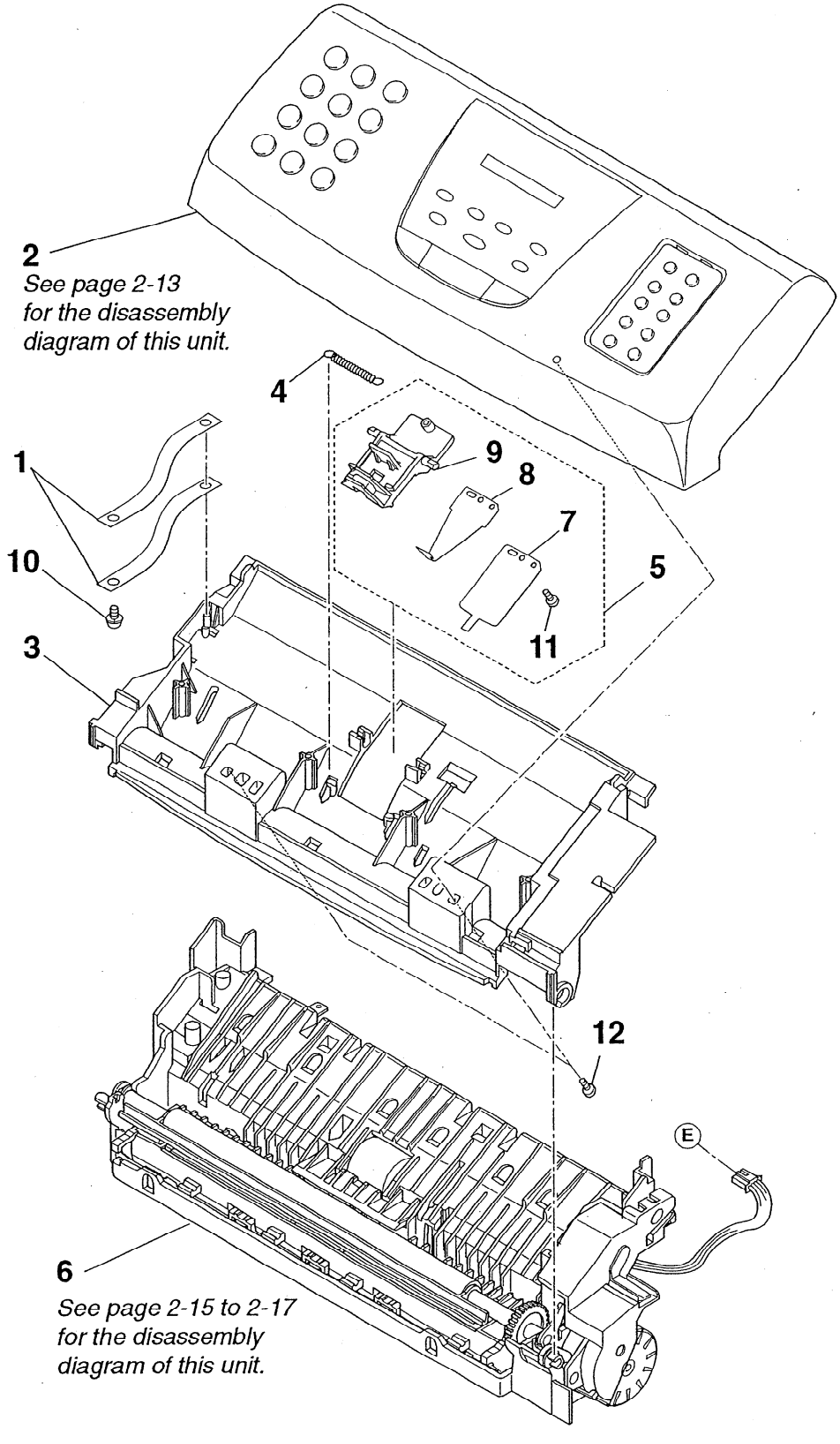

FIGURE & KEY No.	PART No.	RANK	QTY	DESCRIPTION	REMARKS
6- 1	HB1-1200-000		2	BELT, STOPPER	
2	NPN		1	OPERATION PANEL UNIT	
3	HB1-1199-000		1	COVER, DOCUMENT GUIDE, UPPER	
4	HS5-2041-000		1	SPRING, COIL	
5	HG5-0771-020		1	SEPARATION GUIDE ASS'Y	
6	NPN		1	SCANNER BASE UNIT	
7	HB1-1255-000		1	SHEET, SEPARATION GUIDE	
8	HB1-1254-000		1	SPRING, LEAF, GUIDE	
9	HF5-0140-020		1	SEPARATION GUIDE UNIT	
10	XA9-0476-000		1	SCREW, TP M3X8	
11	XB4-7200-609		1	SCREW, M2X6	
12	XB4-7301-009		2	SCREW, BINDING HEAD M3X10	

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FIGURE 7 OPERATION PANEL ASS'Y

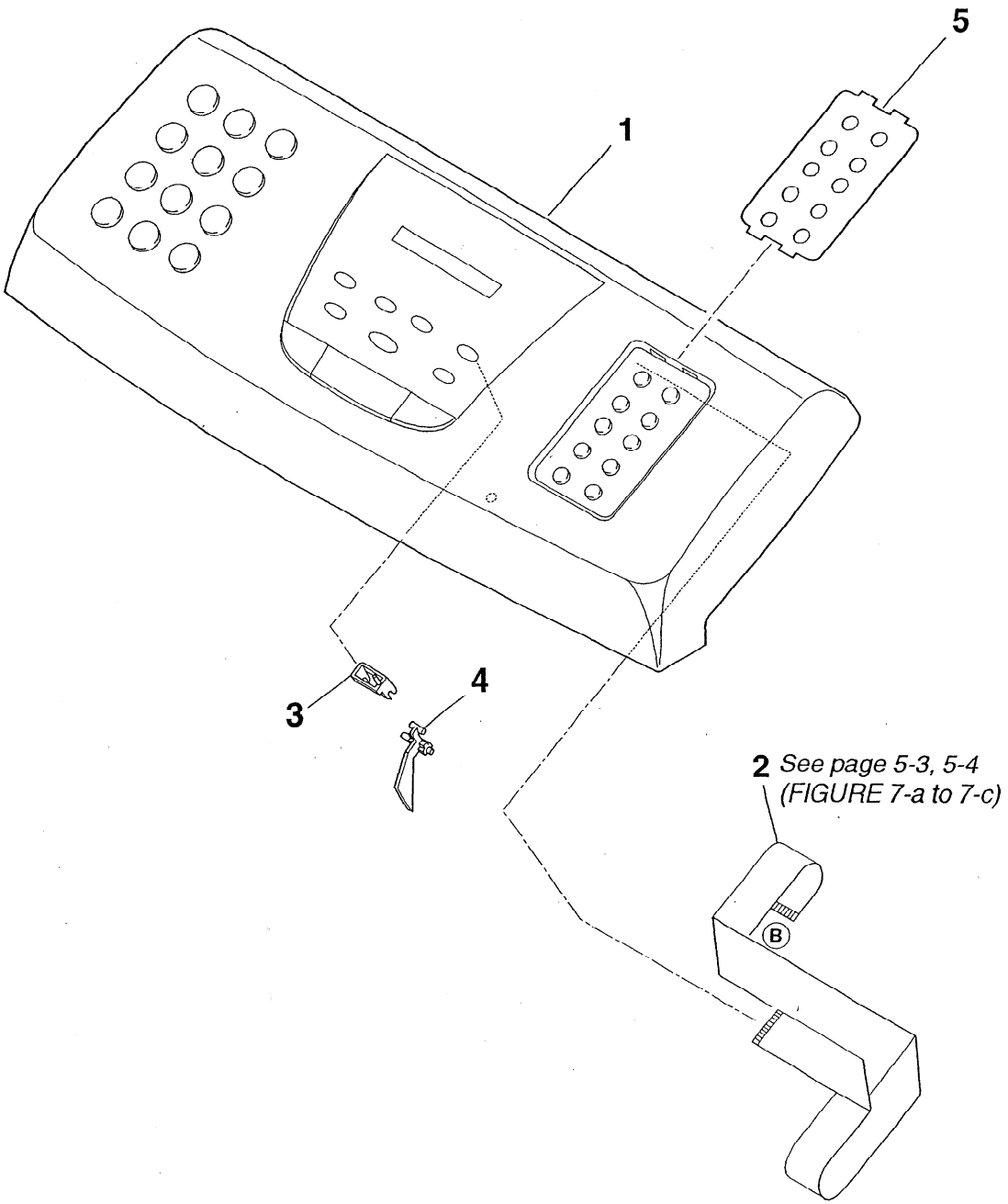

FIGURE & KEY No.	PART No.	RANK	QTY	DESCRIPTION	REMARKS
7- 1	HH7-2445-000		1	OPERATION PANEL UNIT	EC
	HH7-2447-000		1	OPERATION PANEL UNIT	UK AUS AE
	HH7-2448-000		1	OPERATION PANEL UNIT	GER
	HH7-2449-000		1	OPERATION PANEL UNIT	FRN
	HH7-2450-000		1	OPERATION PANEL UNIT	TWN
	HH7-2451-000		1	OPERATION PANEL UNIT	CHN
2	HH2-3012-000		1	CABLE, FLAT, 19P	
3	HB1-4220-000		1	HOLDER, DETECTION ARM	
4	HB1-4219-000		1	ARM, DETECTION (DS)	
5	HB1-4229-000		1	SHEET, ONE-TOUCH	UK AUS AE
	HB1-4230-000		1	SHEET, ONE-TOUCH	GER
	HB1-4231-000		1	SHEET, ONE-TOUCH	FRN
	HB1-4232-000		1	SHEET, ONE-TOUCH	TWN
	HB1-4233-000		1	SHEET, ONE-TOUCH	CHN

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FIGURE 8 SEPARATION ROLLER ASS'Y & DOCUMENT FEED ROLLER ASS'Y

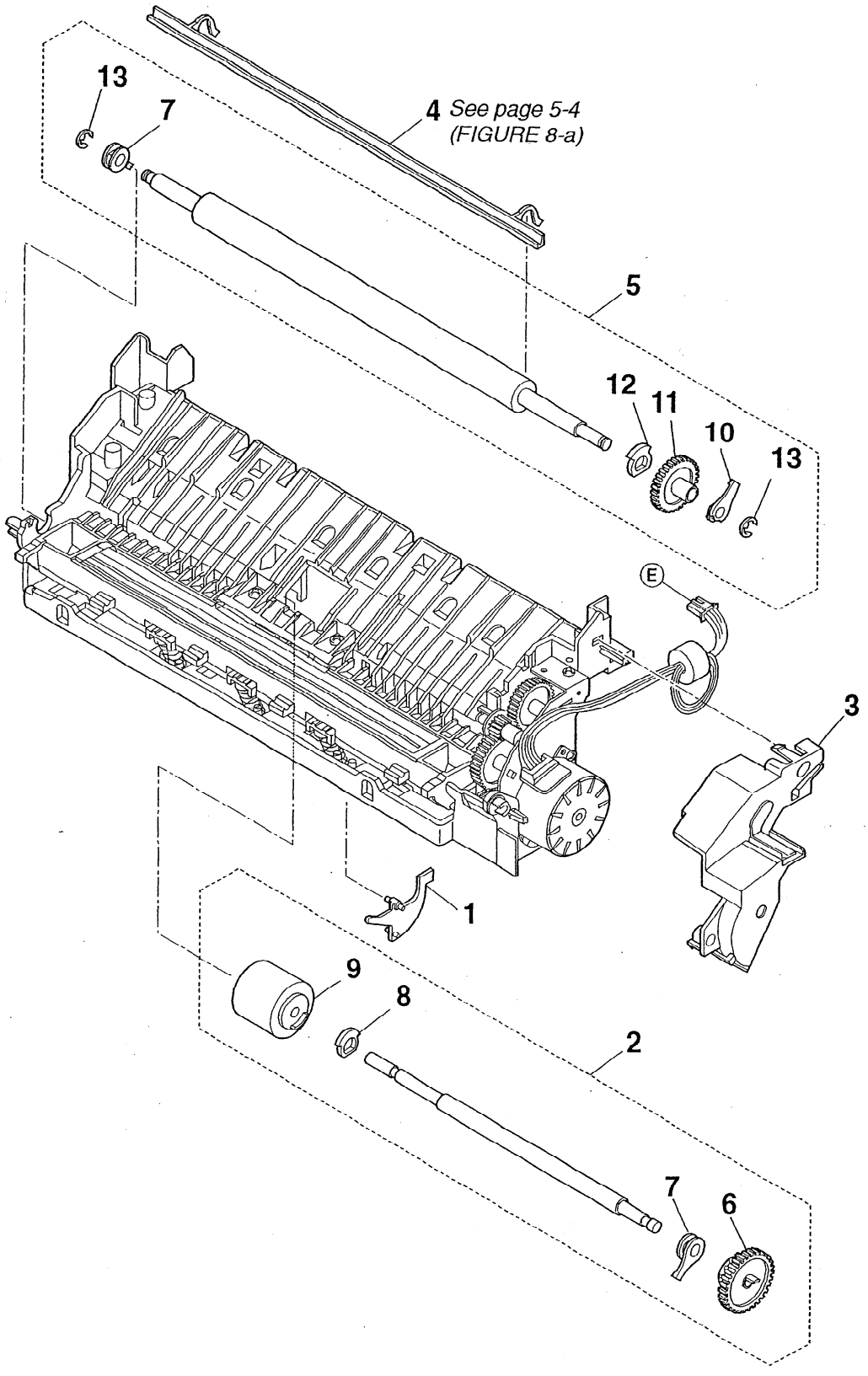

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FIGURE & KEY No.	PART No.	RANK	QTY	DESCRIPTION	REMARKS
8- 1	HB1-1207-000		1	ARM, DETECTION (DES)	
2	HG5-0410-030		1	SEPARATION ROLLER ASS'Y	
3	HB1-1204-000		1	COVER, SCANNER DRIVE	
4	HB1-1203-000		1	SHIELD, LIGHT	
5	HG5-0412-030		1	DOCUMENT FEED ROLLER ASS'Y	
6	HS5-0119-030		1	GEAR WITH ONEWAY CLUTCH, 39T	
7	HS5-1028-000		2	BUSHING	
8	HB1-1210-020		1	CLUTCH	
9	HB1-1464-000		1	ROLLER, SEPARATION	
10	HS5-1029-000		1	BUSHING	
11	HS5-0120-000		1	GEAR, 52T	
12	HB1-1214-000		1	CLUTCH	
13	XD2-1100-502		2	RETAINING RING (E-TYPE)	

FIGURE 9 CONTACT SENSOR ASS'Y & SCANNER DRIVE ASS'Y

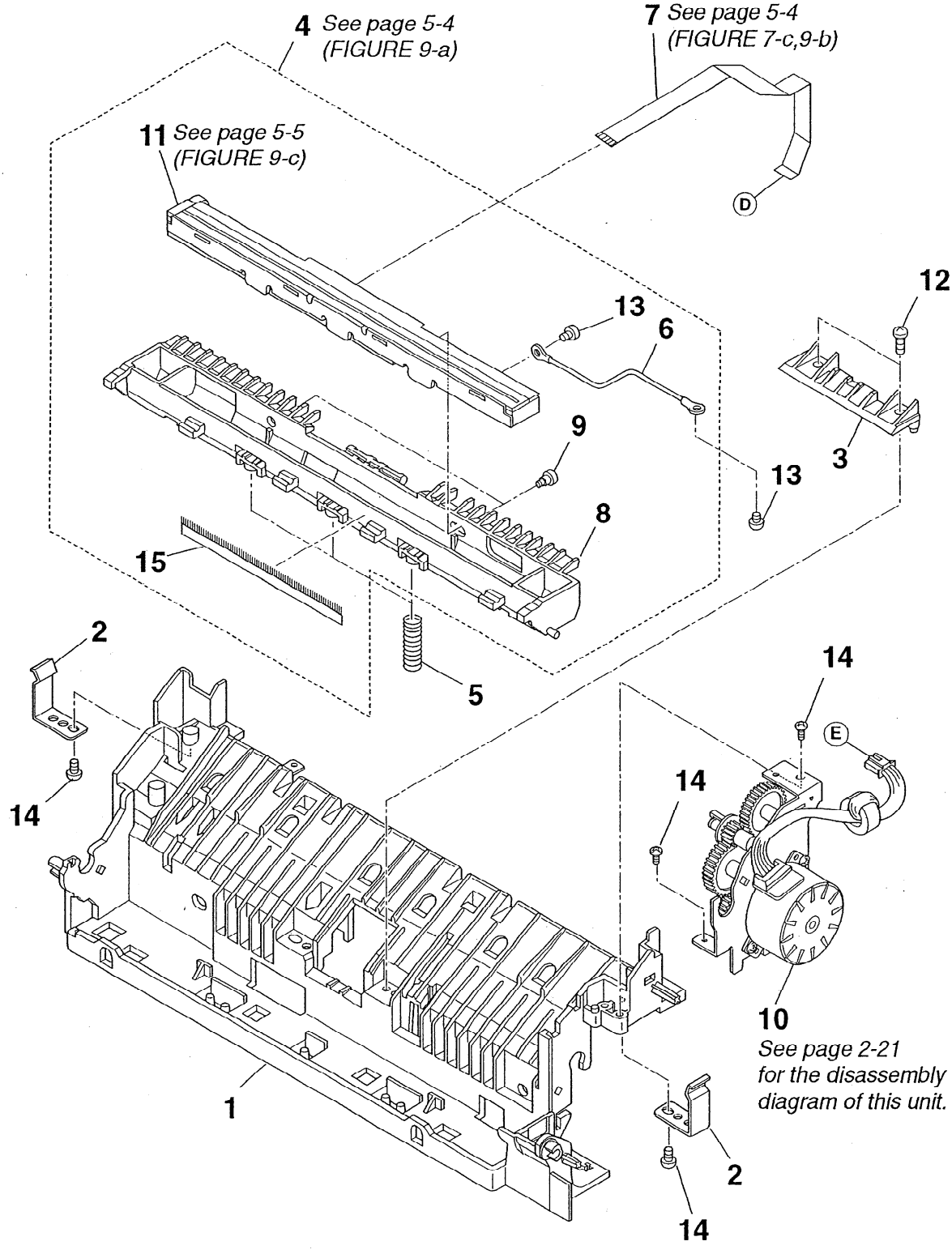

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FIGURE & KEY No.	PART No.	RANK	QTY	DESCRIPTION	REMARKS
9- 1	HB1-1206-060		1	COVER, DOCUMENT GUIDE, LOWER	
2	HB1-1208-000		2	SPRING, LEAF	
3	HB1-1205-000	N	1	PLATE, POSITIONING, CS HOLDER	
4	NPN		1	CONTACT SENSOR ASS'Y	
5	HS5-2117-000		3	SPRING, COIL	
6	HH2-2494-000		1	WIRE, GROUNDING	
7	HH2-2815-000		1	FLAT CABLE	
8	HB1-1212-040		1	HOLDER, CONTACT SENSOR	
9	HS5-9005-000		2	SCREW, M2.6X3.5	
10	NPN		1	SCANNER DRIVE ASS'Y	
11	HH7-2092-000		1	CONTACT SENSOR UNIT	
12	XB4-7301-009		2	SCREW, BINDING HEAD M3X10	
13	XB1-2300-407		2	SCREW, BH3X4 (S)	
14	XB4-7300-807		4	SCREW, TAP TIGHT, BINDING HEAD	
15	HB1-2817-000		1	ELIMINATOR, STATIC-CHARGE	

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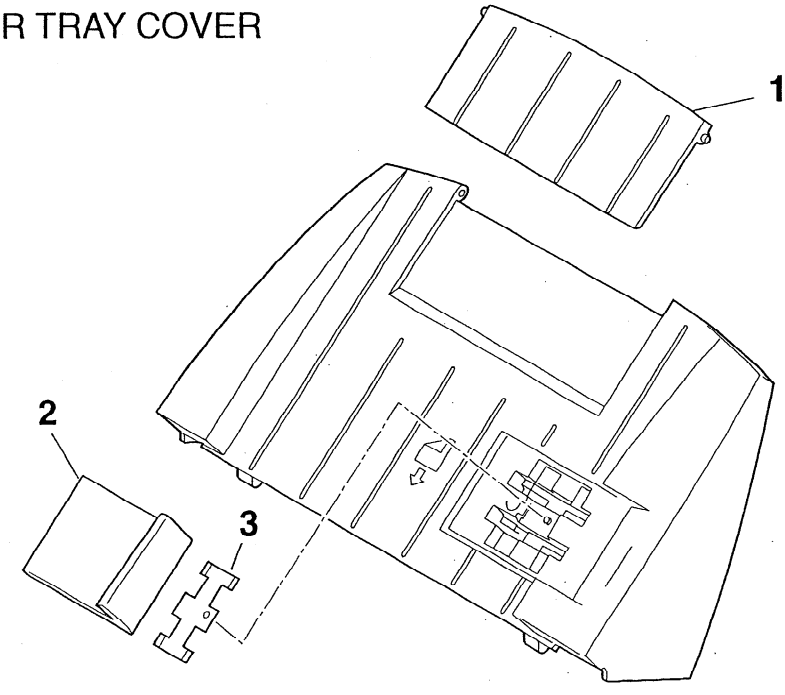
FIGURE 10 PAPER TRAY COVER & PAPER TRAY

PAPER TRAY COVER



PAPER TRAY

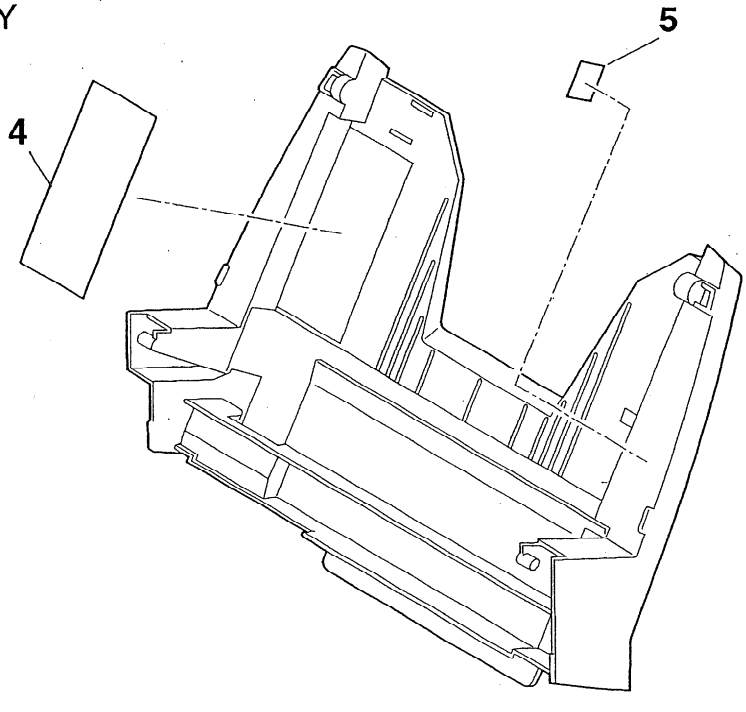


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FIGURE & KEY No.	PART No.	RANK	QTY	DESCRIPTION	REMARKS
10- 1	HB1-2811-020		1	TRAY, DOCUMENT, EXTENSION	
2	HB1-2810-020		1	GUIDE, DOCUMENT	
3	HB1-2164-000		1	SPRING, LEAF	
4	HB1-1258-030		1	LABEL, PAPER LOADING	
5	HB1-0322-000		1	LABEL, UPPER LIMIT	

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FIGURE 11 DOCUMENT FEED MOTOR & SCANNER DRIVE GEARS

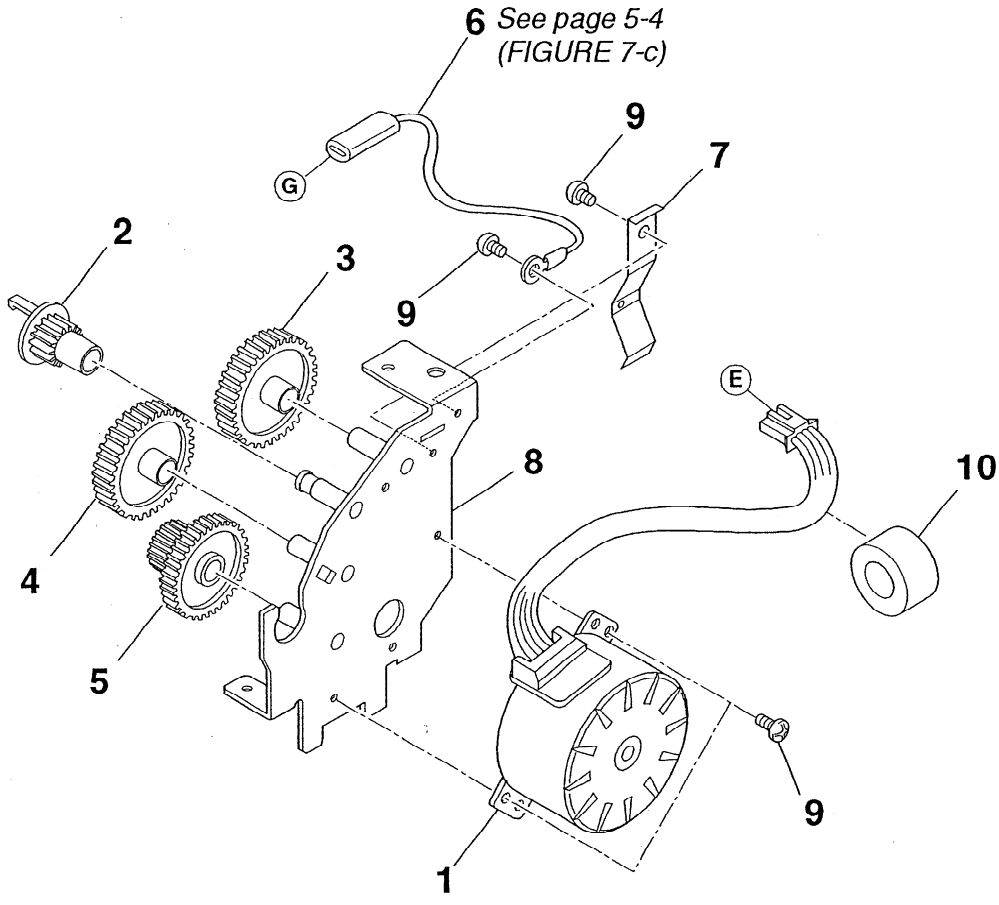
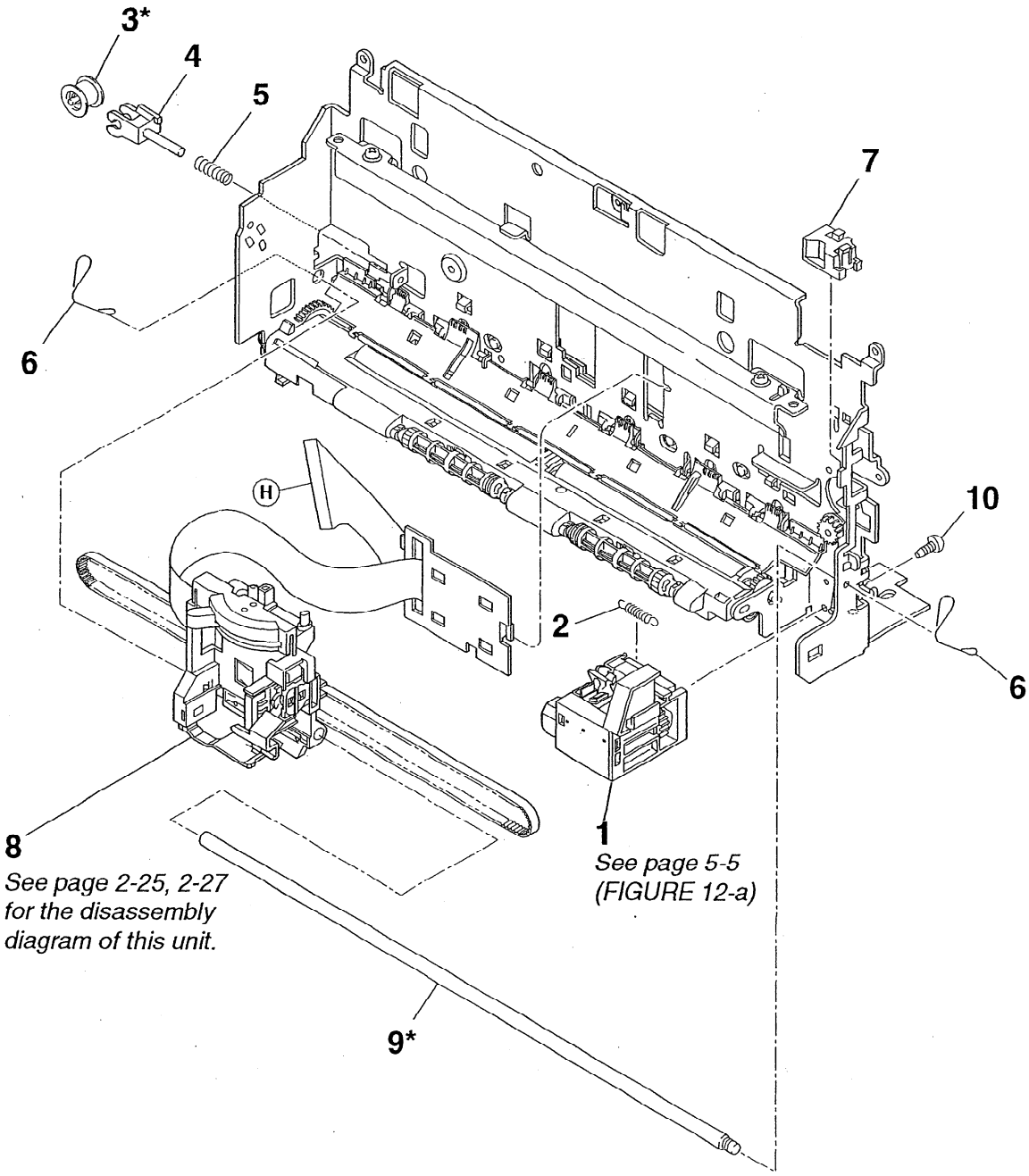


FIGURE & KEY No.	PART No.	RANK	QTY	DESCRIPTION	REMARKS
11- 1	HH7-2093-000		1	PULSE MOTOR, DOCUMENT FEED	
2	HS5-0124-000		1	GEAR, 17T	
3	HS5-0122-000		1	GEAR, 51/17T	
4	HS5-0121-000		1	GEAR, 52T	
5	HS5-0123-000		1	GEAR, 50T	
6	HH2-2495-000		1	WIRE, GROUNDING	
7	HB1-1219-000		1	PLATE, GROUNDING	
8	HF5-0105-000	N	1	PLATE, SCANNER DRIVE	
9	XB1-2300-407		4	SCREW, BH3X4 (S)	
10	WE8-5603-000		1	CORE	

FIGURE 12 PURGE UNIT & CARRIAGE SECTION (1)



See page 2-25, 2-27 for the disassembly diagram of this unit.

See page 5-5 (FIGURE 12-a)

* = Lubrication
See page 4-1

FIGURE & KEY No.	PART No.	RANK	QTY	DESCRIPTION	REMARKS
12- 1	QG5-0671-000		1	PURGE UNIT	
2	QB1-0467-000		1	SPRING, HOOK END COIL	
3	QB1-0501-020		1	ROLLER, IDLER	
4	QB1-0502-000		1	BRACKET, IDLER	
5	QB1-0503-000		1	SPRING, COIL	
6	QB1-0499-000		2	CLIP, SHAFT	
7	QB1-0406-000		1	GUIDE, CORNER	
8	HG5-1208-020		1	CARRIAGE ASS'Y	
9	HB1-1232-000	N	1	SHAFT, CARRIAGE	
10	XB4-7300-609		1	SCREW, TAP, BINDING HEAD, M3X6	

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FIGURE 13 CARRIAGE SECTION (2)

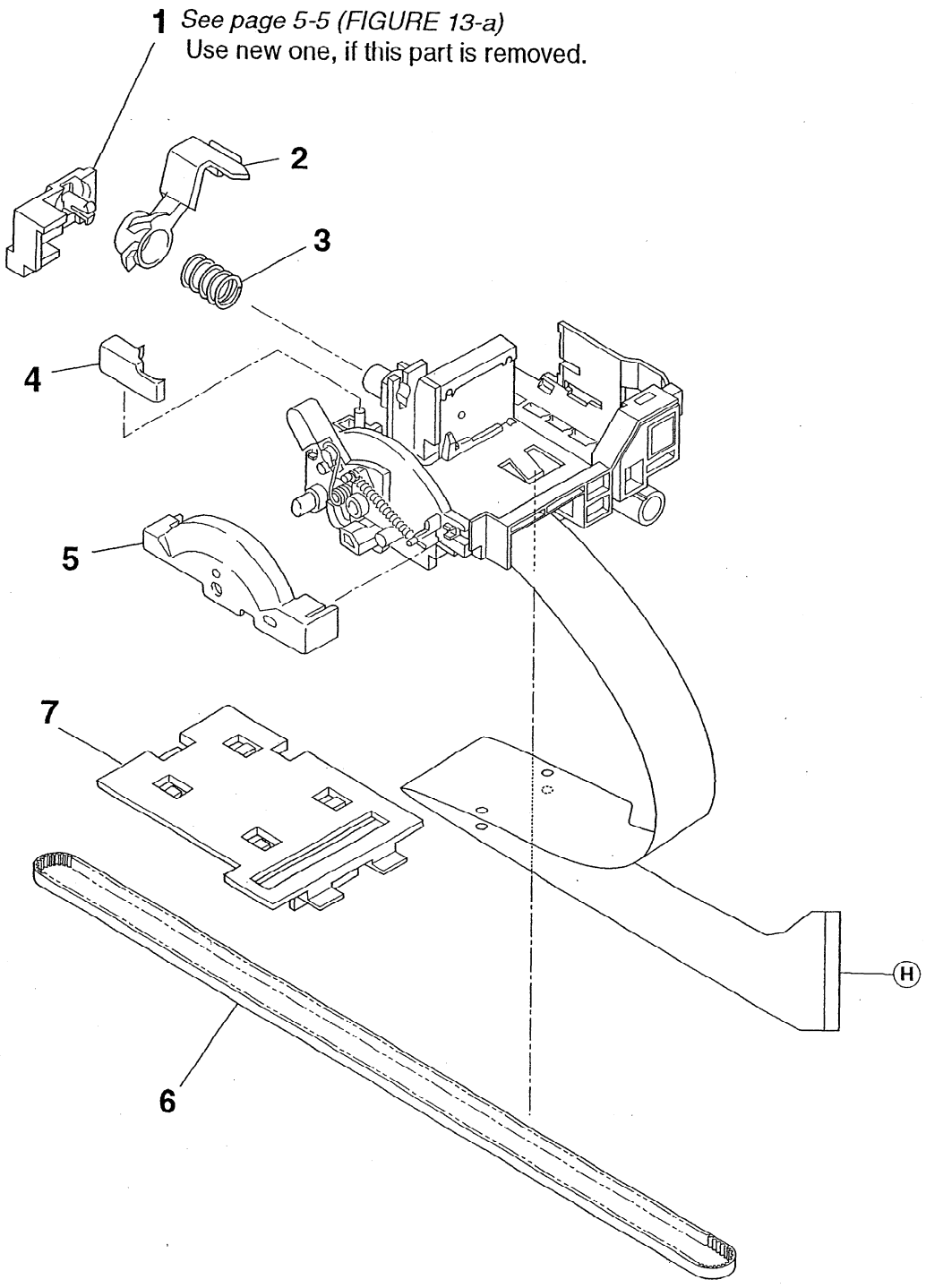

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FIGURE & KEY No.	PART No.	RANK	QTY	DESCRIPTION	REMARKS
13- 1	QB1-0440-020		1	COVER, HOOK	
2	HB1-1263-000		1	LEVER, HOOKING	
3	QB1-0439-000		1	SPRING, COIL	
4	QB1-0438-000		1	HOOK, CARRIAGE	
5	HB1-1237-000		1	COVER, CARRIAGE TOP	
6	QB1-1260-000		1	BELT, CARRIAGE	
7	HB1-1231-060		1	HOLDER, CARRIAGE RIBBON CABLE	

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FIGURE 14 CARRIAGE SECTION (3)

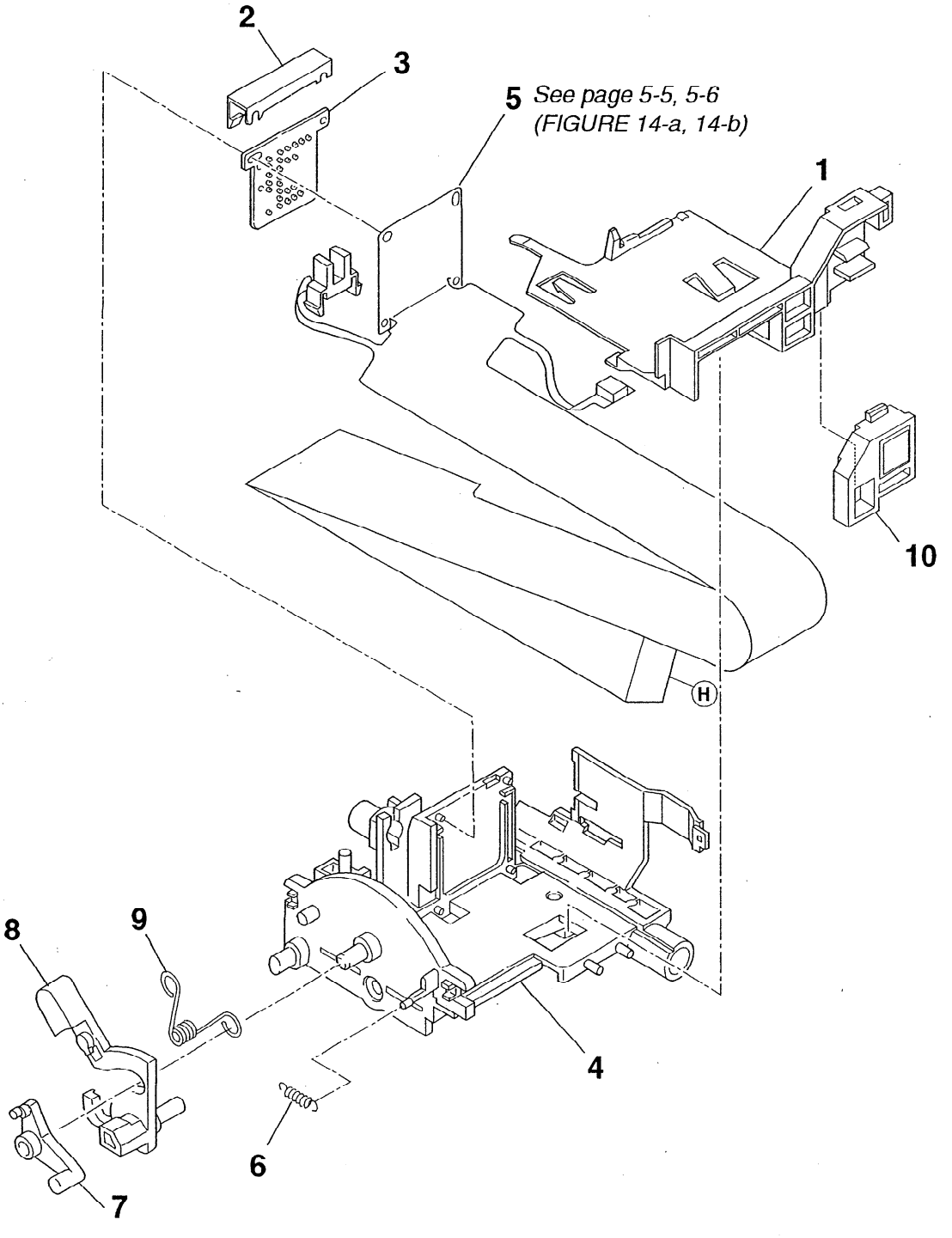

FIGURE & KEY No.	PART No.	RANK	QTY	DESCRIPTION	REMARKS
14- 1	HB1-1236-000		1	GUIDE, RIBBON CABLE	
2	QB1-0441-000		1	HOLDER, RIBBON CABLE (UPPER)	
3	QB1-0436-000		1	PAD, CONTACT	
4	HB1-1241-000		1	BASE, CARRIAGE	
5	HG5-0423-030		1	CARRIAGE RIBBON CABLE ASS'Y	
6	QB1-0449-000		1	SPRING, HOOK END COIL	
7	HB1-1239-000		1	CAM, TENSION	
8	HB1-1238-000		1	LEVER, FORMS THICKNESS	
9	QB1-0446-000		1	SPRING, TORSION	
10	HB1-1240-000		1	PLATE,POSITIONING,INK SENSOR	

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FIGURE 15 CARRIAGE MOTOR & PAPER FEED MOTOR

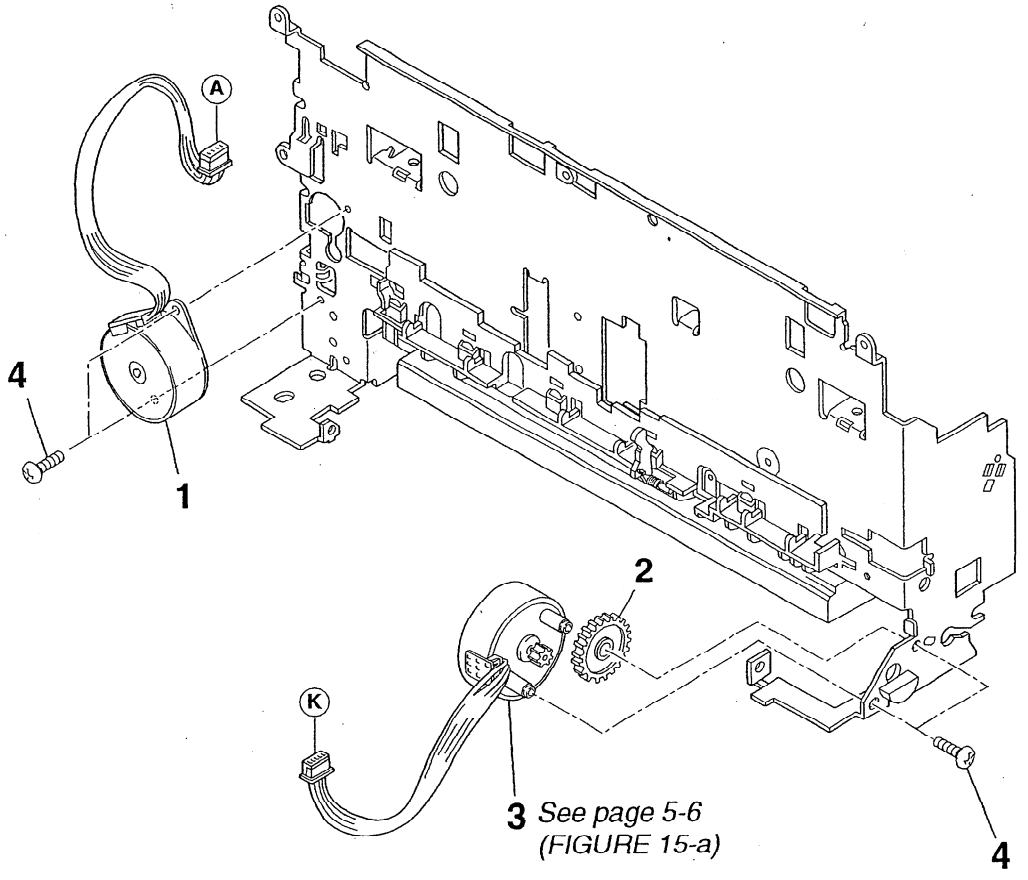

FIGURE & KEY No.	PART No.	RANK	QTY	DESCRIPTION	REMARKS
15- 1	QH4-4112-000		1	MOTOR, CARRIAGE	
2	QB1-0500-000		1	GEAR, SLOW DOWN	
3	QH4-4114-000		1	MOTOR, PAPER FEED	
4	XB1-2300-407		4	SCREW, BH3X4 (S)	

FIGURE 16 PAPER FEED SECTION (1)

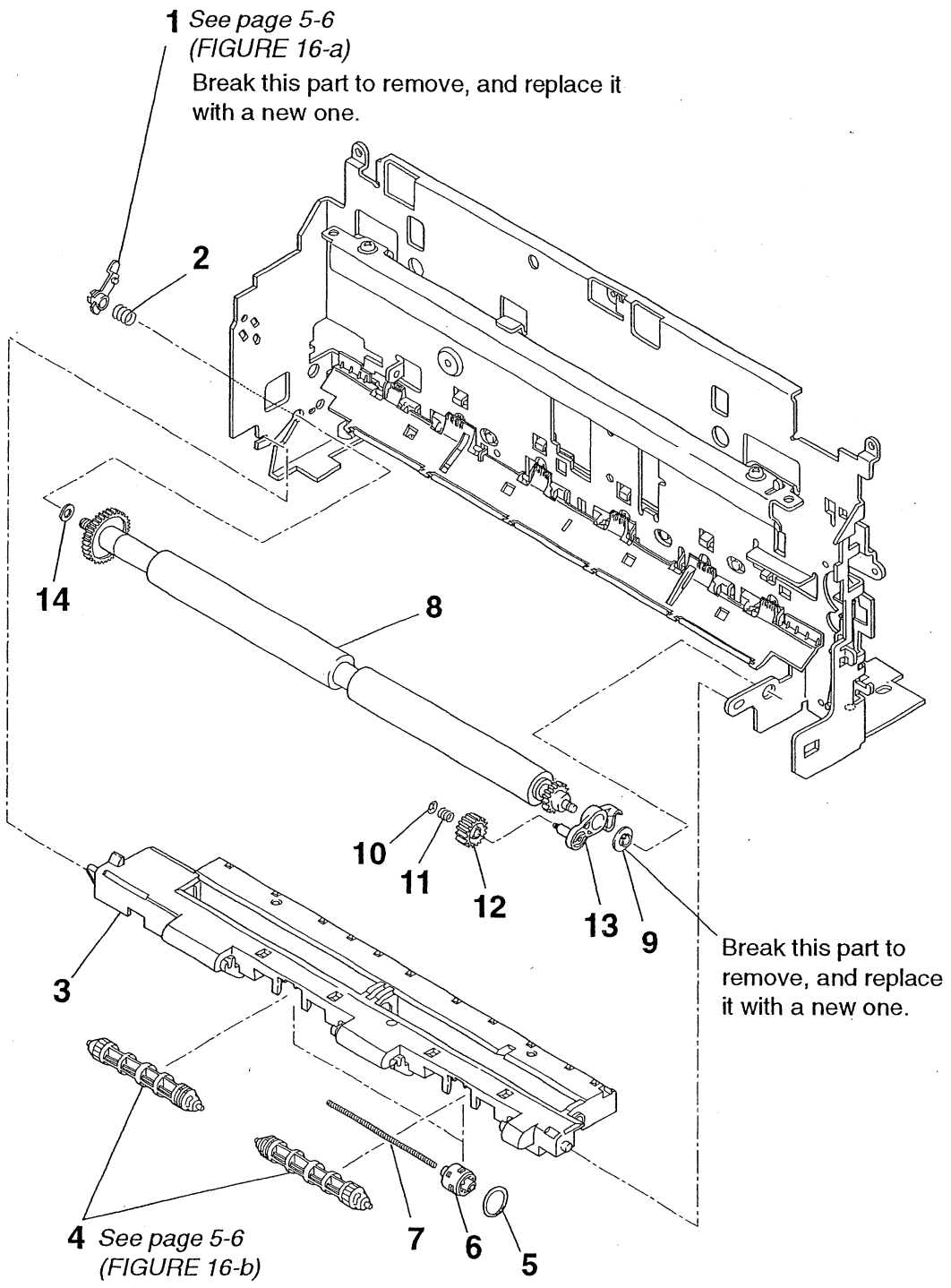

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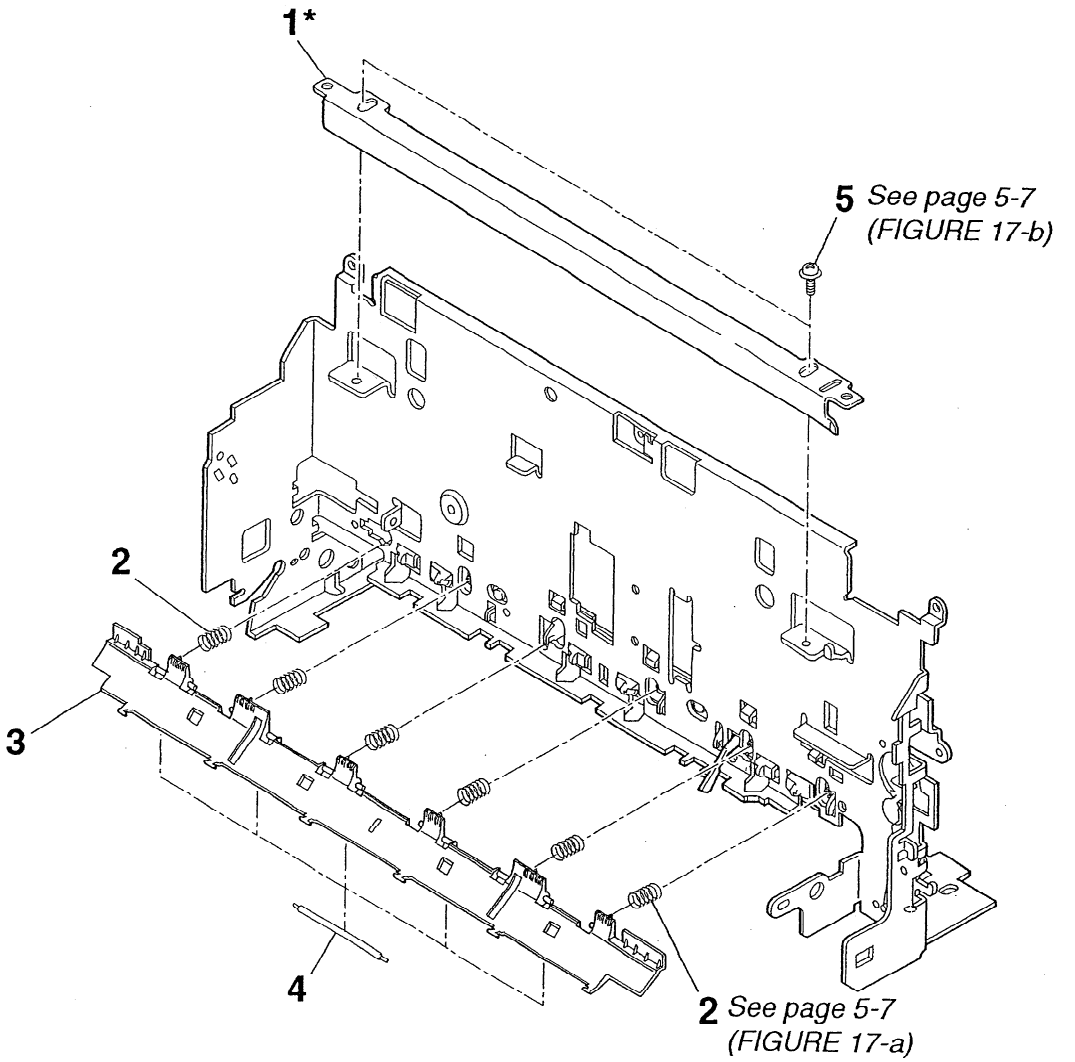
FIGURE & KEY No.	PART No.	RANK	QTY	DESCRIPTION	REMARKS
16- 1	QB1-0417-000		1	BUSHING	
2	QB1-0423-000		1	SPRING, COIL	
3	HB1-1242-000		1	PLATEN	
4	HG5-0433-000		2	PAPER EJECT ROLLER ASS'Y	
5	QB1-0429-030		2	RING, RUBBER	
6	QB1-0428-000		2	ROLLER, TRANSMISSION	
7	QB1-0419-000		2	SHAFT, ROLLER	
8	HF5-0106-000		1	ROLLER, PAPER FEED	
9	QB1-0422-000		1	BUSHING	
10	XA9-0613-000		1	NUT, SUS	
11	QB1-0421-000		1	SPRING, COIL	
12	QB1-0425-000		1	GEAR, TRANSMISSION	
13	QB1-0420-000		1	ARM, TRANSMISSION	
14	QB1-0622-000		1	WASHER, PLAIN	

FIGURE 17 PAPER FEED SECTION (2) & CARRIAGE GUIDE FRAME



* = Lubrication
See page 4-1

FIGURE & KEY No.	PART No.	RANK	QTY	DESCRIPTION	REMARKS
17- 1	QB1-0404-000	N	1	FRAME, CARRIAGE GUIDE	
2	QB1-0410-000		6	SPRING, COIL	
3	HB1-1233-000		1	PLATE, PRESSURE	
4	QB1-0684-000		5	ROLLER, PRESSURE	
5	HS5-9003-000		2	SCREW, BH(RED) M3X4	

FIGURE 18 PRINTER FRAME

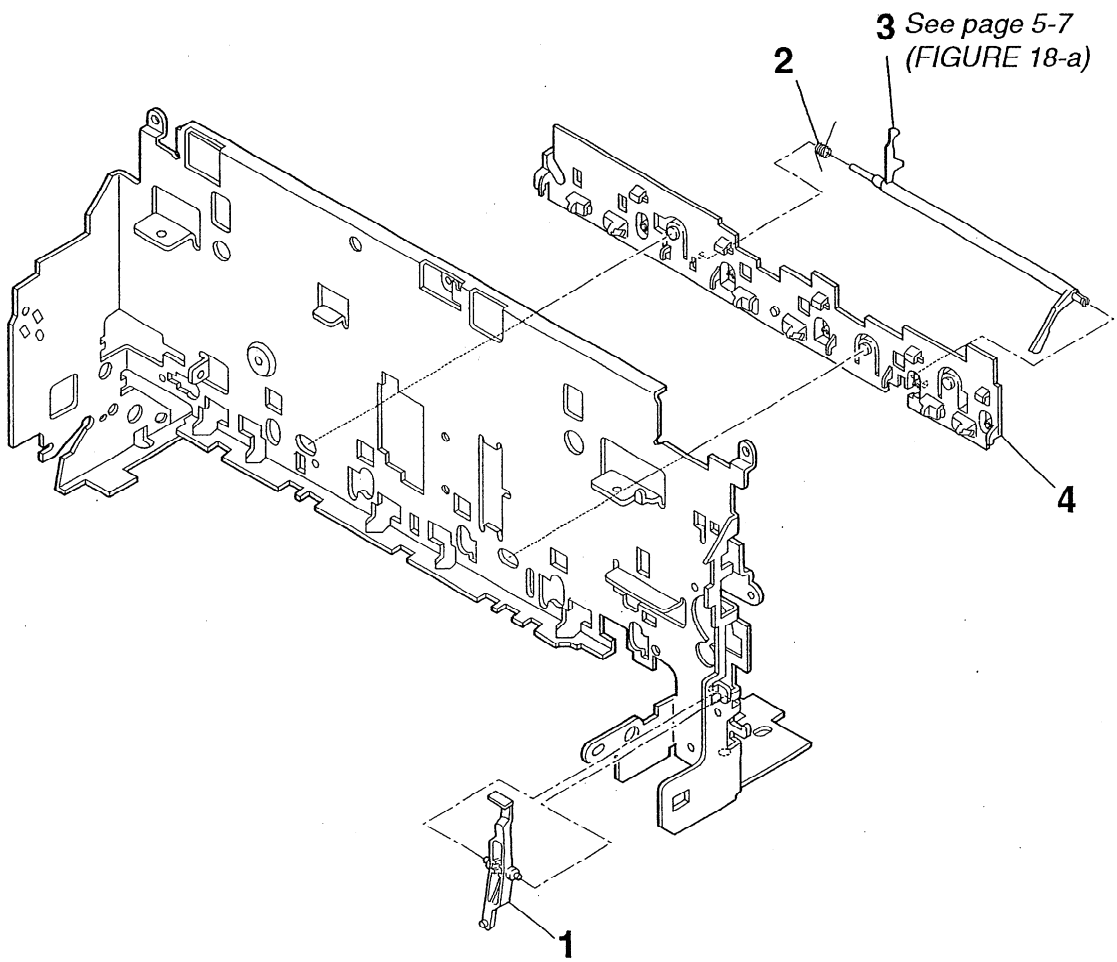
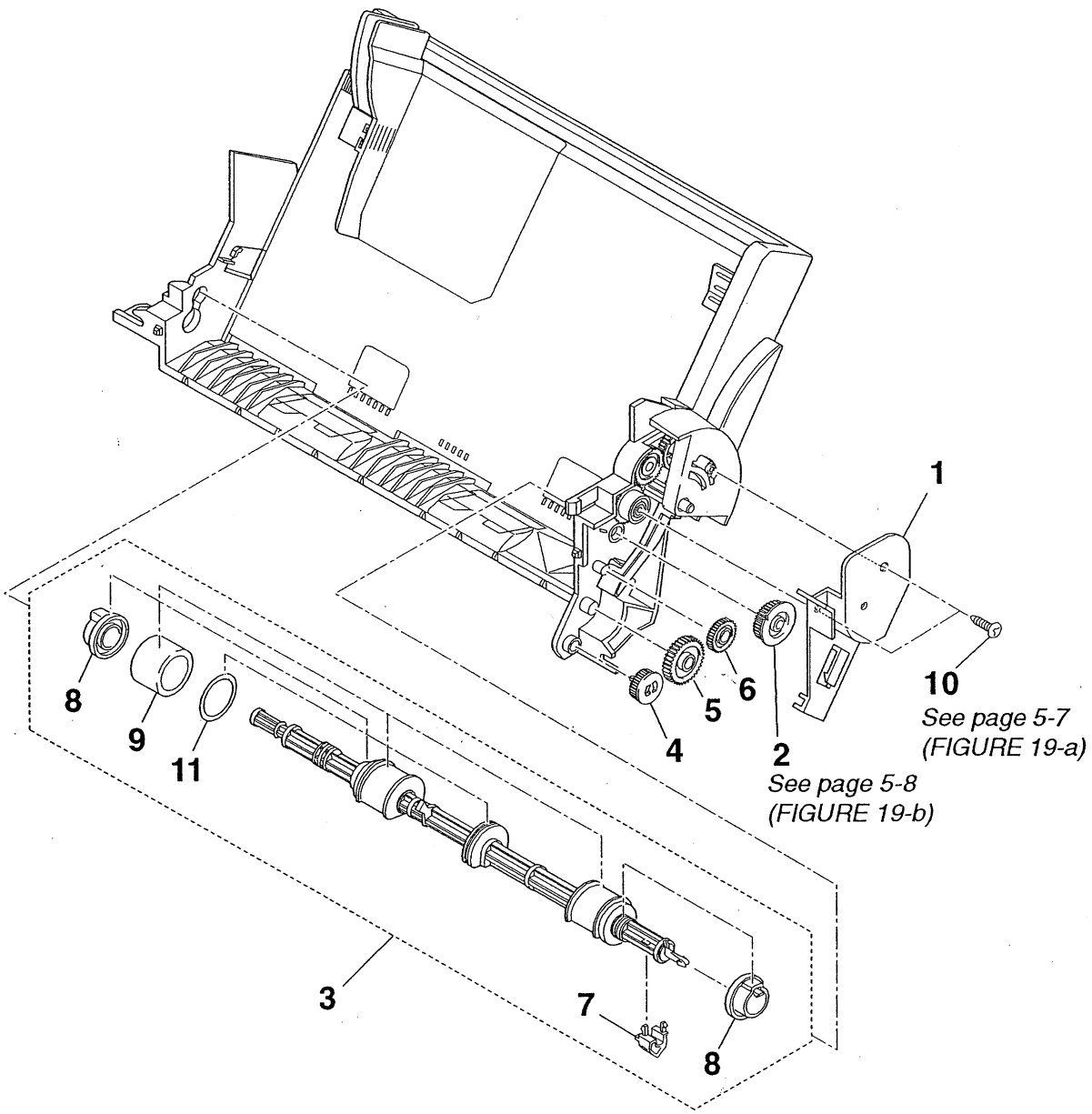


FIGURE & KEY No	PART No.	RANK	QTY	DESCRIPTION	REMARKS
18 - 1	QB1-3945-000		1	ARM, SENSOR	
2	QB1-0412-000		1	SPRING, TORSION	
3	QB1-0411-000		1	ARM, PAPER SENSOR	
4	HB1-1235-000		1	GUIDE, PRESSURE PLATE	

FIGURE 19 AUTO SHEET FEEDER (1)



See page 5-7 (FIGURE 19-a)

See page 5-8 (FIGURE 19-b)

FIGURE & KEY No.	PART No.	RANK	QTY	DESCRIPTION	REMARKS
19- 1	HB1-1247-040		1	COVER, LEVER GUIDE	
2	QB1-0478-000		1	GEAR, PICKUP ROLLER	
3	HG5-0432-020		1	PAPER PICKUP ROLLER ASS'Y	
4	QB1-0485-000		1	GEAR, TRANSMISSION	
5	QB1-0480-000		1	GEAR, TRANSMISSION	
6	QB1-0479-000		1	GEAR, TRANSMISSION	
7	QB1-0433-000		1	PAPER, GUIDE	
8	QB1-0495-000		2	ROLLER, SLIP	
9	QB1-0496-000		2	RING, RUBBER, PICK-UP	
10	XB4-7300-807		2	SCREW, TAP TIGHT, BINDING HEAD	
11	QB1-0522-020		1	RING, RUBBER	

FIGURE 20 AUTO SHEET FEEDER (2)

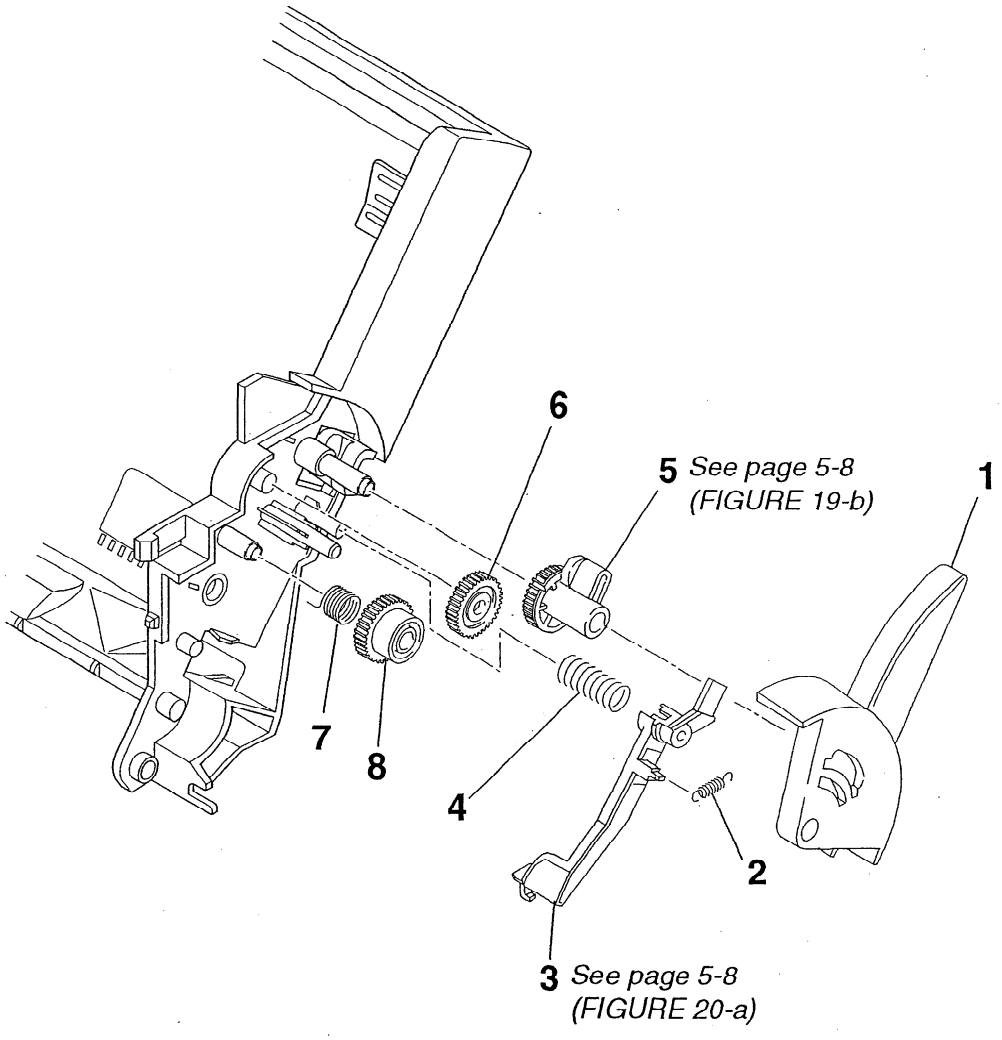


FIGURE & KEY No.	PART No.	RANK	QTY	DESCRIPTION	REMARKS
20 - 1	QB1-0476-000		1	LEVER, PAPER SELECTION	
2	QB1-0490-000		1	COIL, SPRING HOOK END	
3	QB1-0475-000		1	ARM, CORNER	
4	QB1-0489-000		1	SPRING, COIL	
5	QB1-0477-000		1	GEAR, CAM	
6	QB1-0484-000		1	GEAR, TRANSMISSION	
7	QB1-0482-000		1	SPRING, ONE WAY CLUTCH	
8	QB1-0483-000		1	GEAR, ONE WAY CLUTCH	

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FIGURE 21 AUTO SHEET FEEDER (3)

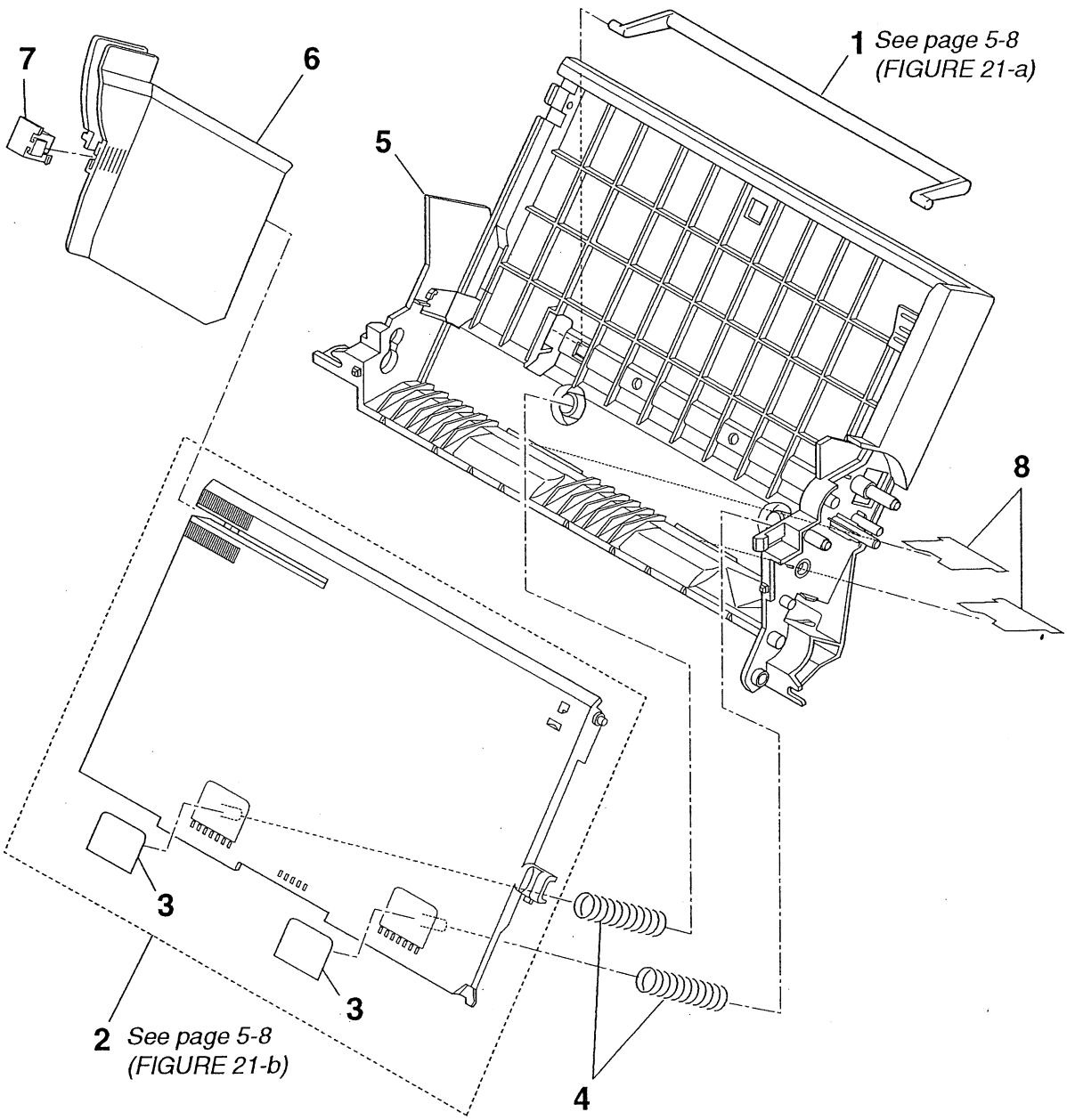


FIGURE & KEY No.	PART No.	RANK	QTY	DESCRIPTION	REMARKS
21- 1	HB1-3068-000		1	CAM, ROD	
2	HF5-0107-000		1	PAPER LIFTING PLATE ASS'Y	
3	QB1-0493-000		2	SHEET, FRICTION	
4	QB1-0491-000		2	SPRING, COIL	
5	HB1-1246-090		1	FRAME, CUT SHEET FEEDER	
6	HB1-1248-060		1	GUIDE, PAPER	
7	HB1-1257-040		1	STOPPER, PAPER GUIDE	
8	HB1-1287-000		2	SHEET, STOPPER	

FIGURE 22 SCNT BOARD ASS'Y

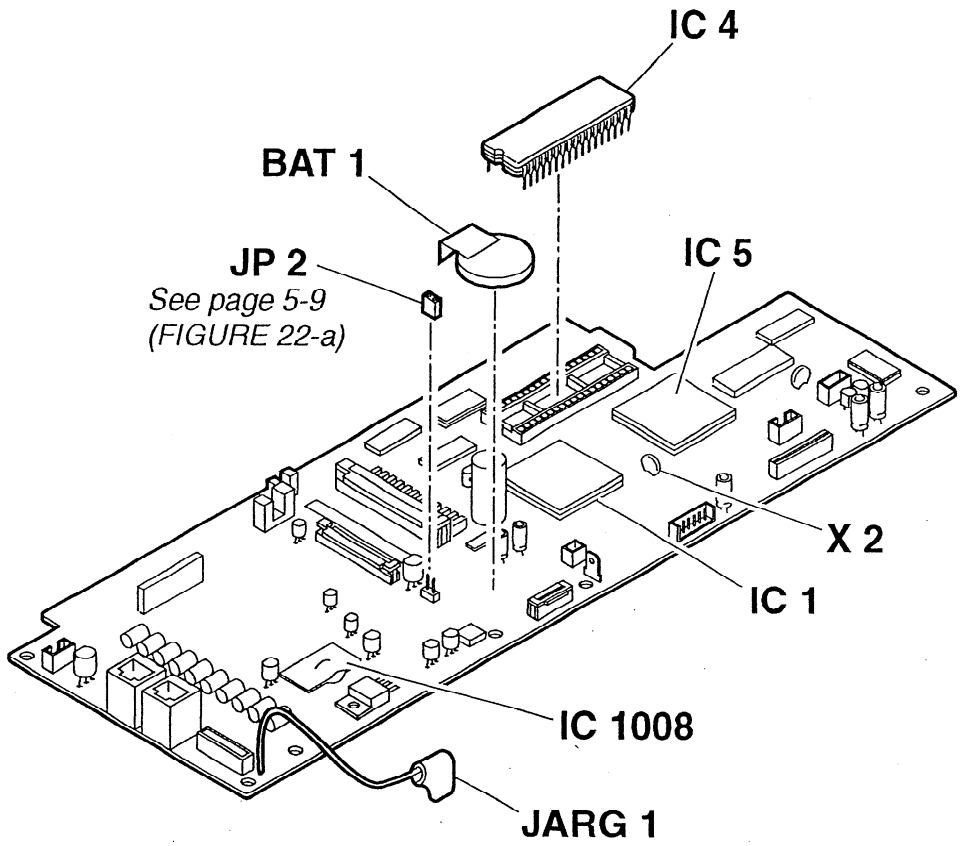
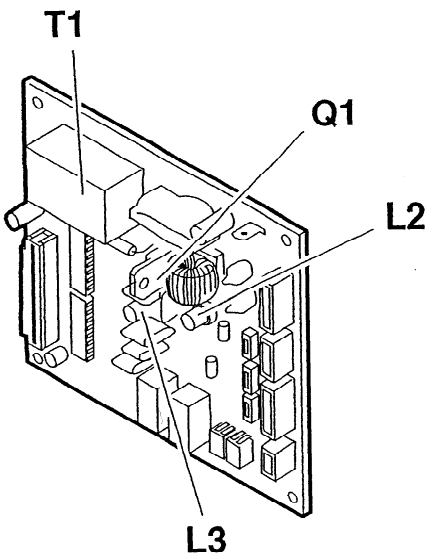


FIGURE & KEY No.	PART No.	RANK	QTY	DESCRIPTION	REMARKS
22 - BAT 1	WK1-5047-000		1	LITHIUM BATTERY, CR2450HC22NC	
IC 1	HH4-2690-000		1	IC, T7D55-214, C-MOS	
IC 4	HH4-3318-000		1	IC, MSM538002E-U8RS, MASK-ROM	EC UK GER AUS
	HH4-3323-000		1	IC, MSM538002E-U9RS, MASK-ROM	FRN
	HH4-3325-000		1	IC, MSM538002E-VORS, MASK-ROM	AE TWN CHN
IC 5	HH4-2730-000		1	IC, UPD65802GD-202-LML	
IC1008	HH7-2189-000		1	IC, AFM97F002X2, HYBRID	
JARG 1	HH2-2540-000		1	WIRE, GROUNDING	
JP 2	WT1-5472-000		1	PLUG, SHORT	
X 2	QH8-8903-000		1	OSCILLATOR, CERAMIC:16.00MHZ	

FIGURE 23 NCU BOARD ASS'Y



for FRN

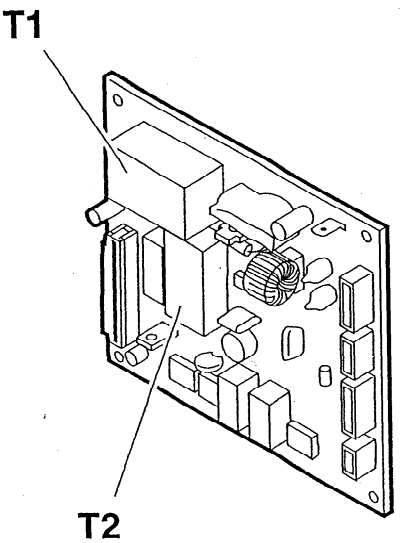


FIGURE & KEY No.	PART No.	RANK	QTY	DESCRIPTION	REMARKS
23 - L 2	HH7-2298-000		1	INDUCTOR TSU-FL481	EC UK GER
L 3	HH7-2240-000		1	INDUCTOR, TSU-FL474	EC UK GER
Q 1	HH7-2227-000		1	TRANSISTOR, 2SD2217 NC2	AUS AE TWN CHN
T 1	HH7-2179-000		1	TRANSFORMER MODULE	
T 2	HH7-2209-000		1	DC RESISTOR CONTROL MODULE	FRN

FIGURE 24 TELEPHONE 6 KIT EU
TELEPHONE 6 KIT UK

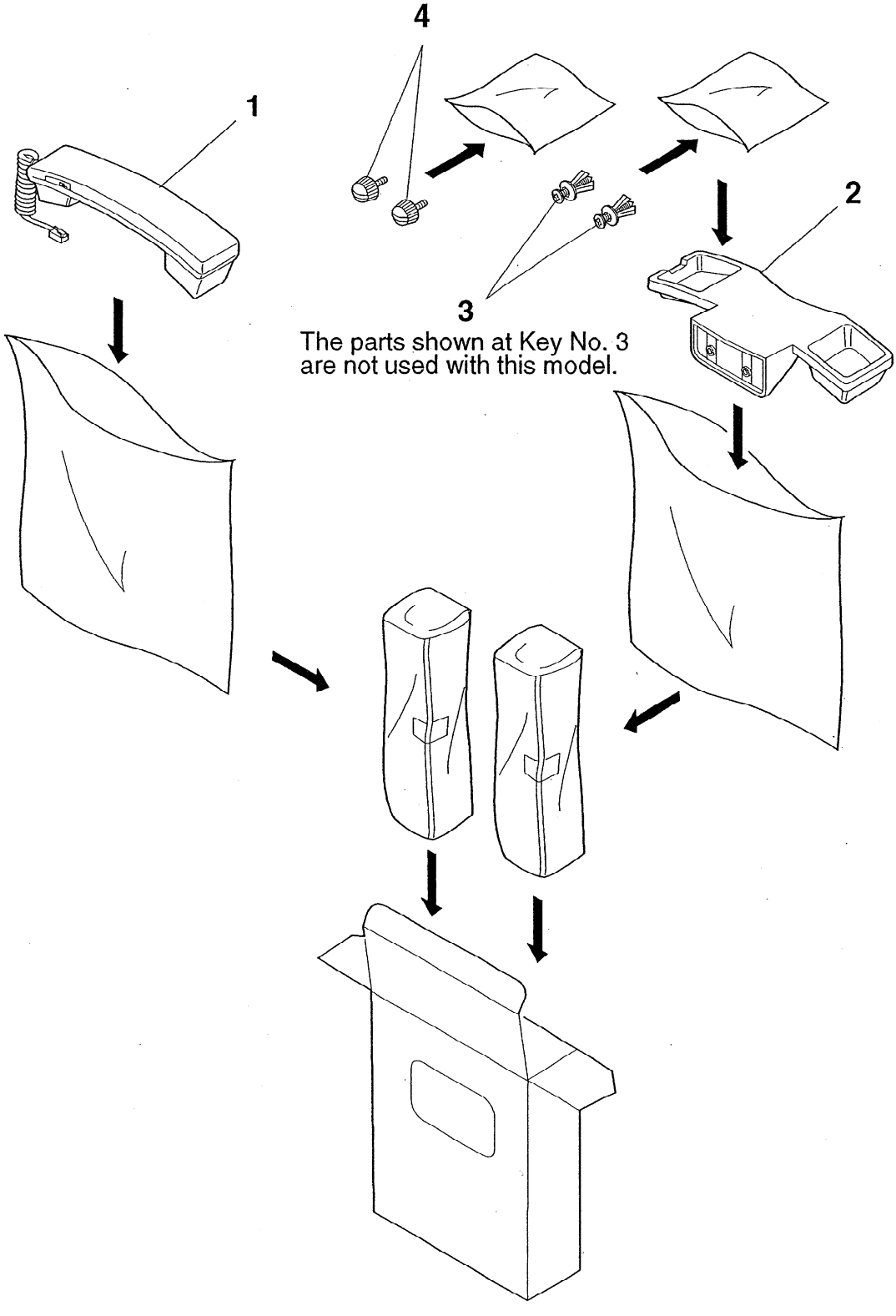


FIGURE & KEY No.	PART No.	RANK	QTY	DESCRIPTION	REMARKS
24 - 1	HH7-2408-000		1	HANDSET UNIT (EU, AG)	EU
	HH7-2460-000		1	HANDSET UNIT (UK, AG)	UK
2	HB1-1264-000		1	HANDSET CRADLE	
3	NPN		2	RIVET	
4	XA9-0718-000		2	SCREW, HANDSET HOLDER	

3. TOOL

FIGURE 25 TOOLS

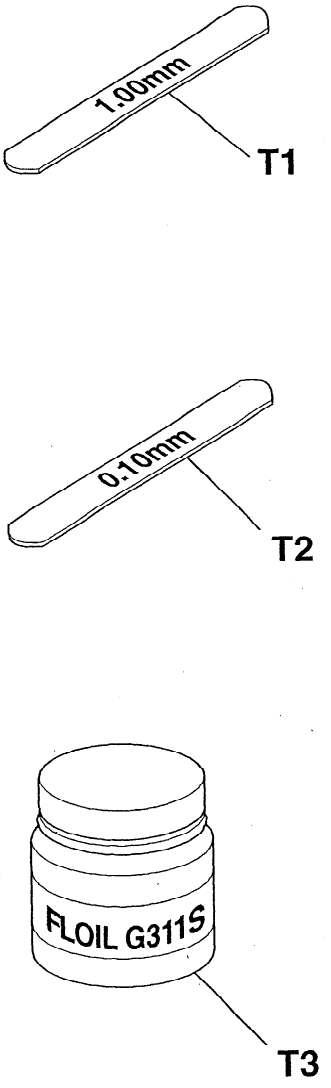
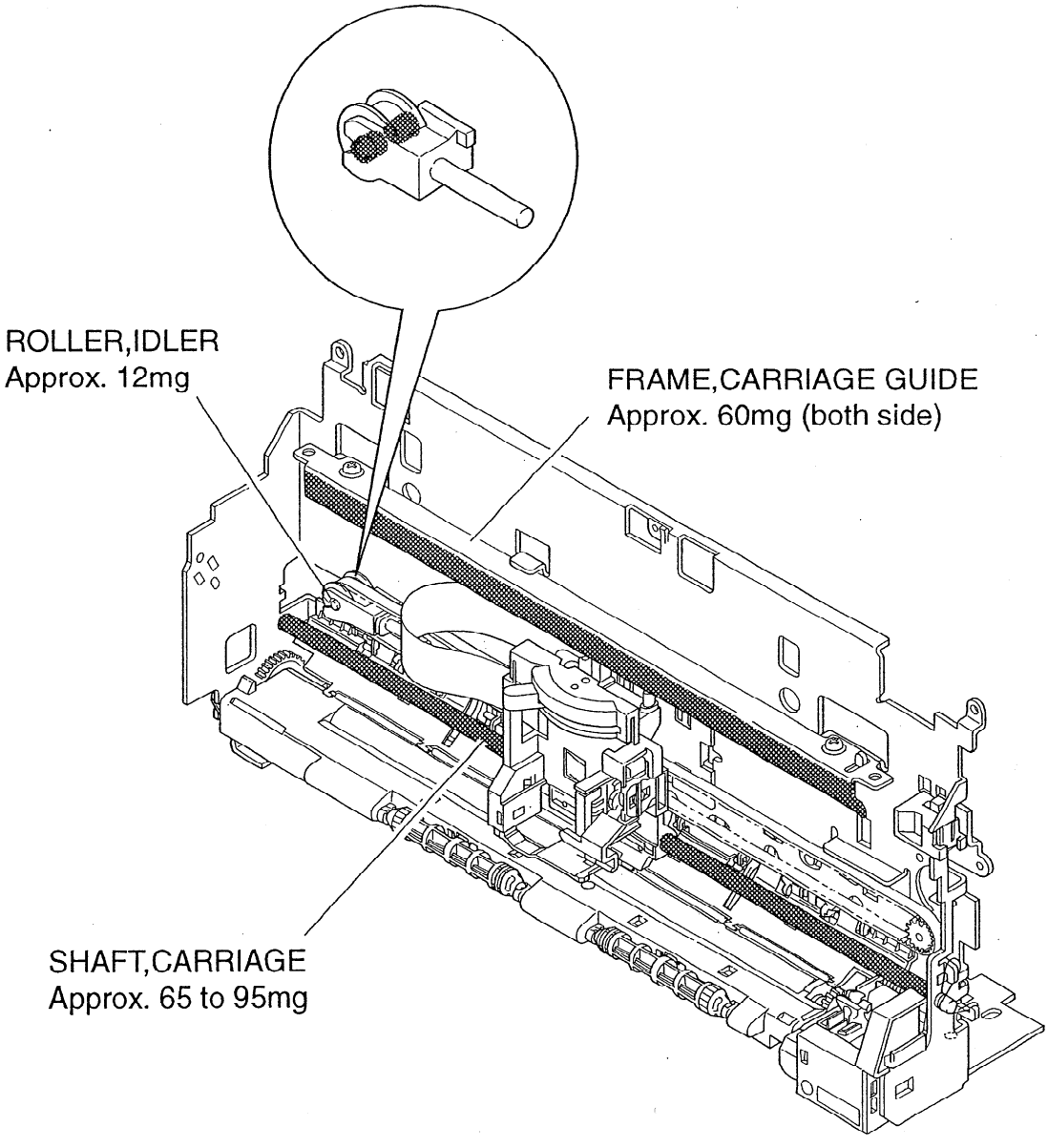


FIGURE & KEY No.	PART No.	RANK	QTY	DESCRIPTION	REMARKS
25 - T 1	HY9-0002-000		1	GAUGE, GAP (1MM)	
T 2	HY9-0003-000		1	GAUGE, GAP (0.1MM)	
T 3	TKC-0953-000		1	GREASE, FLOIL G311S (20GS)	

4. LUBRICATIONS

4.1 Locations

Some parts are lubricated with grease to ensure smooth operation and to increase conductivity. If lubricated parts are replaced or grease is removed, grease must be reapplied.



See FIGURE 12 and 17 for the assembly

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5. GUIDE TO REPLACEMENT

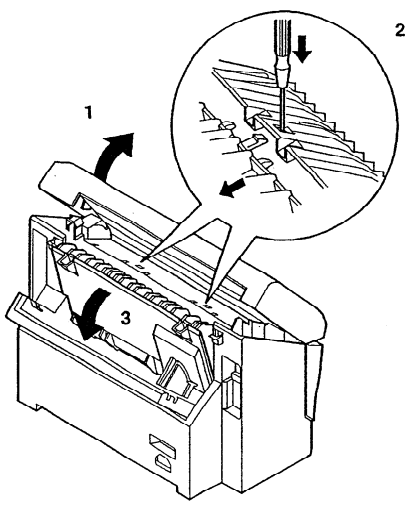
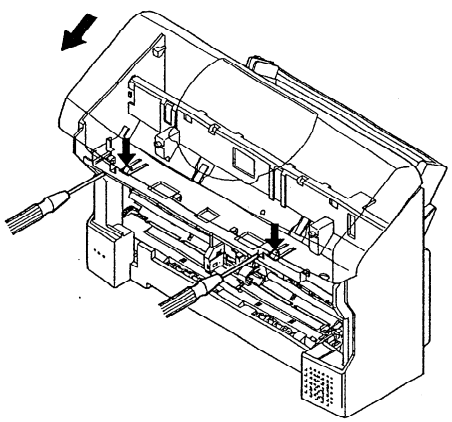
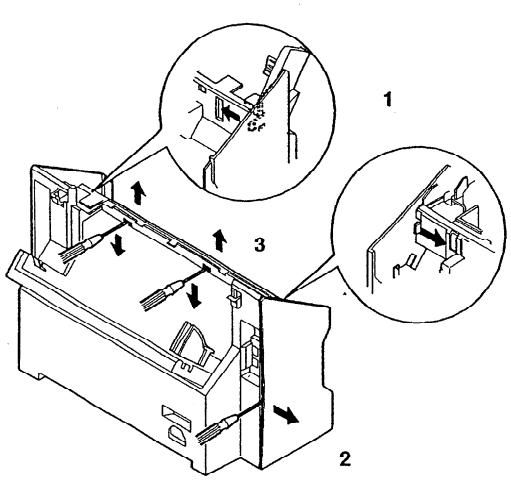
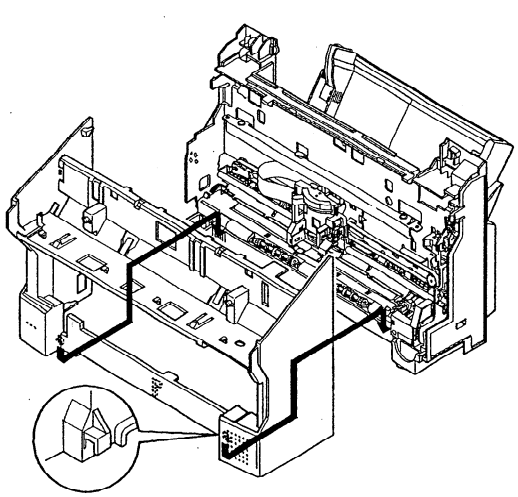
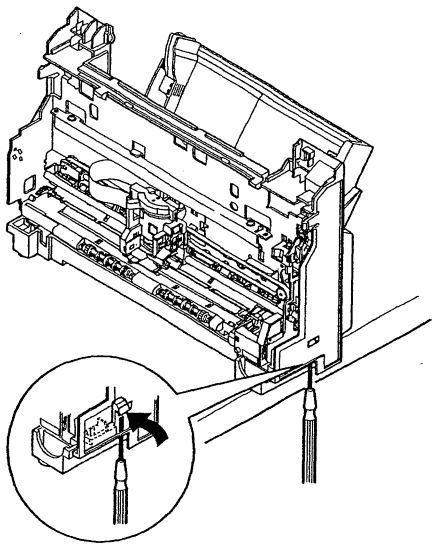
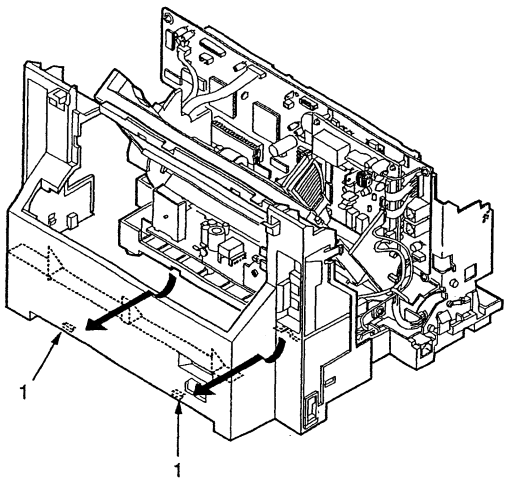
FIGURE 2-a	See Page 2-3	FIGURE 2-b	See Page 2-3
			
Open the scanner unit, and after removing the two screws that hold the "Cover, Logic Board" in place, insert a screwdriver, as shown at 2 in the illustration above, and prise the cover free from the tabs, and remove it. Pay attention when removing the cover so as to avoid trapping the flat cable inside.		When removing the SCANNER UNIT, insert a screwdriver into the holes at the right and left of the SCANNER BASE UNIT, and break the tabs. Then slide the Scanner Unit in the direction of the arrows.	
FIGURE 3-a	See Page 2-5	**FIGURE 3-b**	See Page 2-5
			
When removing the COVER, MAIN (Front), 1 remove the tabs at the upper right and left, and insert a screwdriver, as illustrated above 2, so that the cover is prised loosed, remove the tabs at point 3, with a flat bladed screwdriver.		When attaching the COVER, MAIN (Front), clip the tabs shown above on to the Lower Cover Unit.	

FIGURE 3-c See Page 2-5



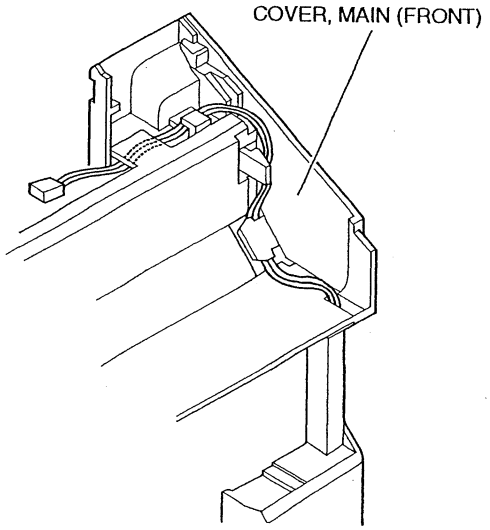
When removing the COVER, MAIN (Rear), place the machine at the edge of the work surface, and insert a screwdriver, as illustrated above, and remove the right and left tabs.

FIGURE 3-d See Page 2-5



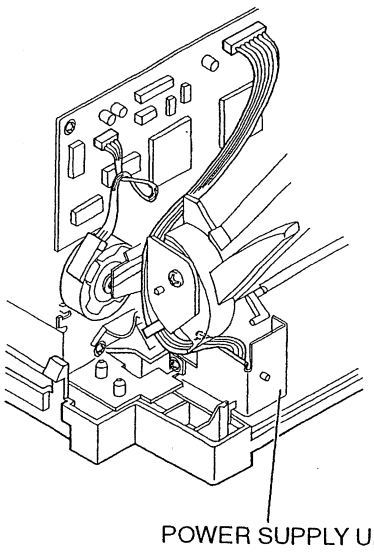
To remove the COVER, MAIN (Rear), insert your fingers into location 1, illustrated above, and lift up.

FIGURE 3-e See Page 2-5



Thread the speaker cable as shown above.

FIGURE 4-a See Page 2-7



Thread the cables for the POWER SUPPLY UNIT as shown above.

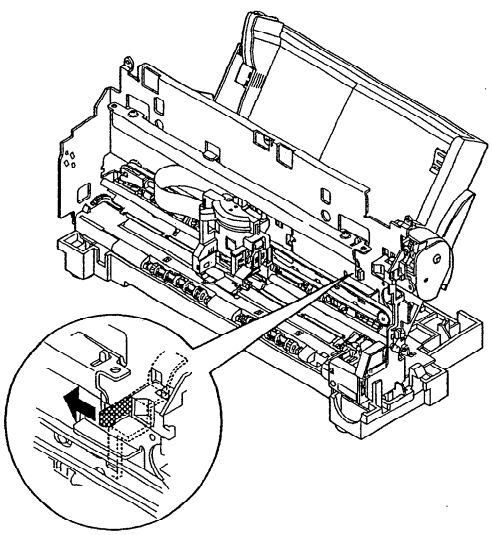
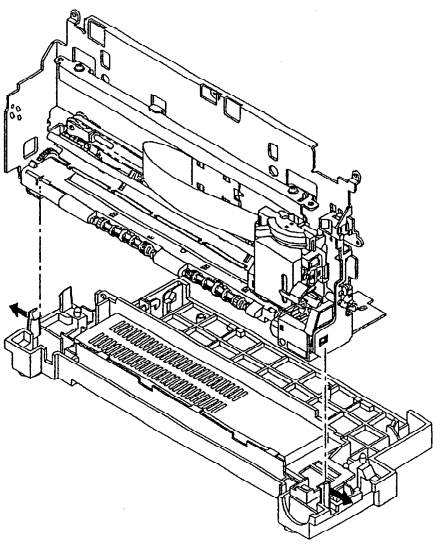
FIGURE 4-b	See Page 2-7	FIGURE 5-a	See Page 2-9
			
When removing the AUTO SHEET FEEDER ASS'Y, release the tabs holding the printer chassis.		When removing the PRINTER ASS'Y, release the tabs at left and right, as shown above.	

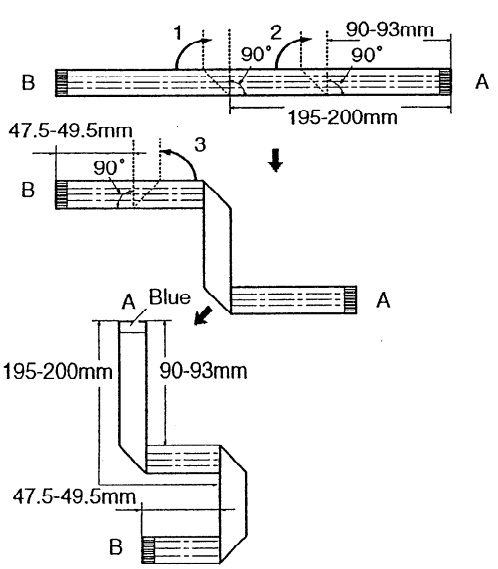
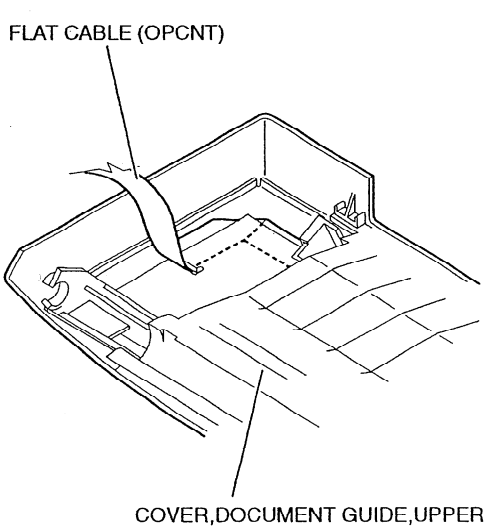
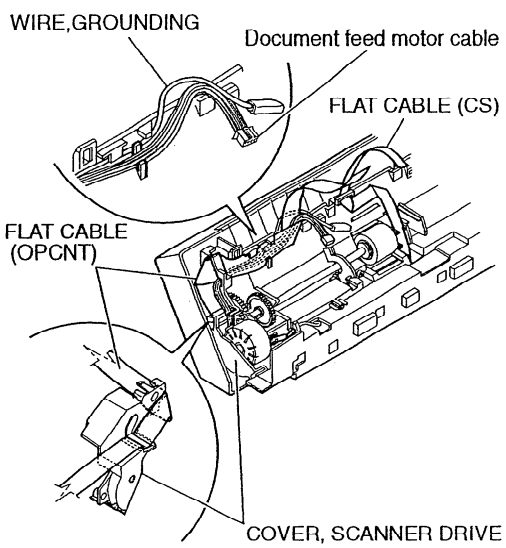
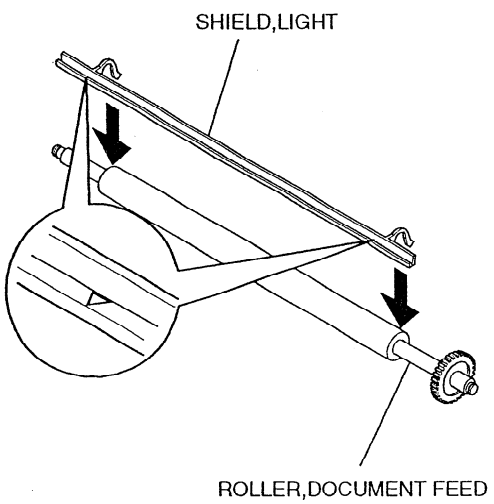
FIGURE 7-a	See Page 2-13	FIGURE 7-b	See Page 2-13
			
Bend the FLAT CABLE (OPCNT), as shown in the diagram.		When attaching the COVER, DOCUMENT GUIDE, UPPER, feed the FLAT CABLE (OPCNT) as shown in the illustration.	

FIGURE 7-c	See Page 2-13/17/21



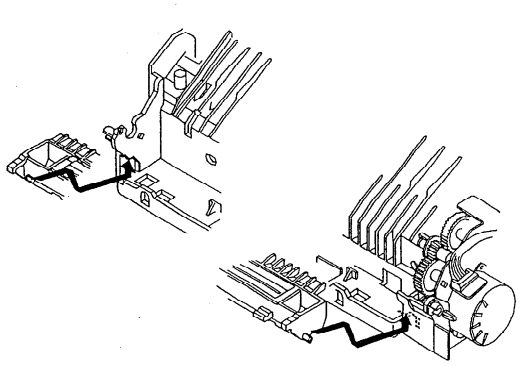
Arrange the cables of the SCANNER UNIT as shown in the illustration.

FIGURE 8-a	See Page 2-15



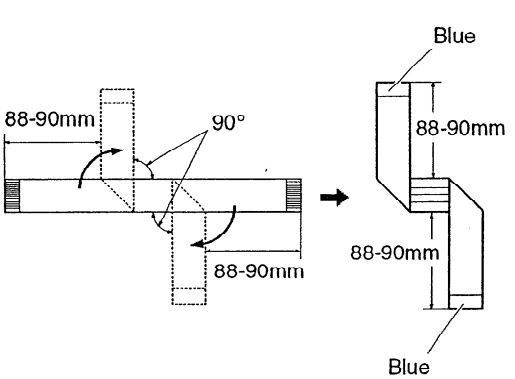
When attaching the SHIELD, LIGHT, fix so that the edge of the "▼" mark is facing the centre of the main unit.

FIGURE 9-a	See Page 2-17



Attach the CONTACT SENSOR ASS'Y as shown in the diagram.

FIGURE 9-b	See Page 2-17



Fold the FLAT CABLE (CS) as shown in the diagram.

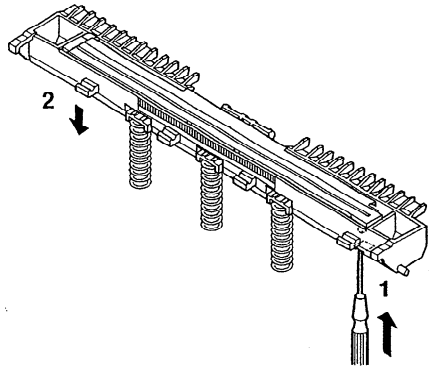
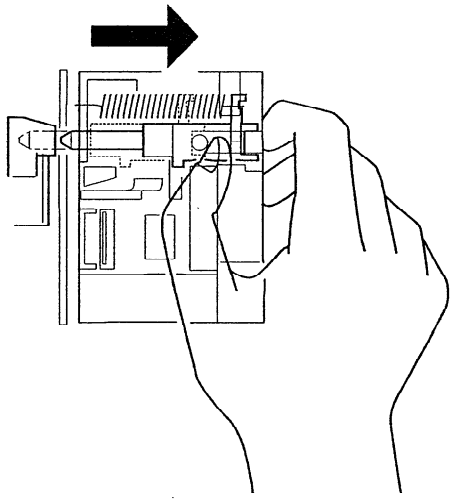
FIGURE 9-c	See Page 2-17	FIGURE 12-a	See Page 2-23
			
To remove the CONTACT SENSOR from the HOLDER, insert a flat bladed screw driver into location 1 (on the under side of the CS holder). Slip the screwdriver blade between the metal plate and the retaining clip, and press upward, as shown in the diagram. When attaching, slide the CONTACT SENSOR in location 2, and fit it in.		When removing the purge unit, slide the pin to the right, as shown in the diagram.	

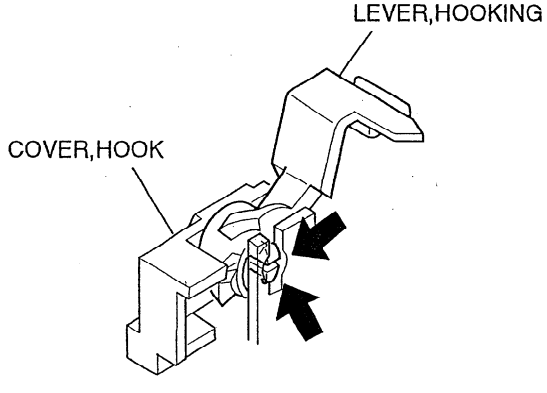
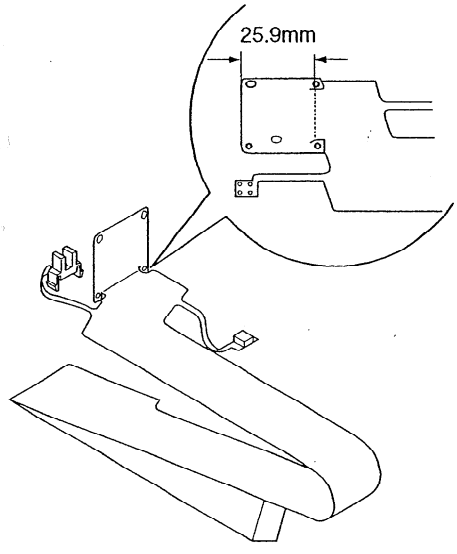
FIGURE 13-a	See Page 2-25	FIGURE 14-a	See Page 2-27
			
When removing the COVER, HOOK bend the tabs in the direction of the arrows.		Fold the CARRIAGE RIBBON CABLE ASS'Y as shown in the illustration.	

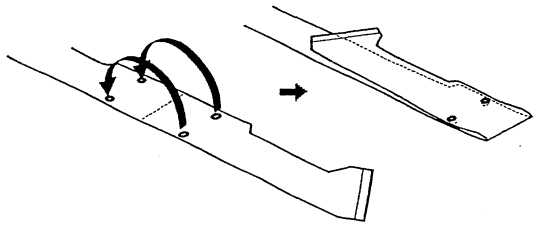
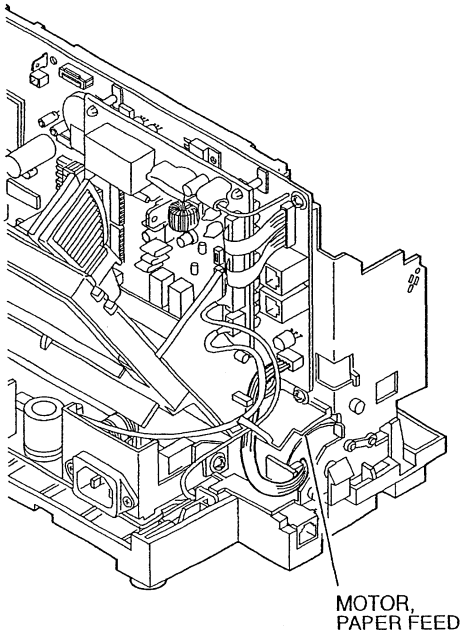
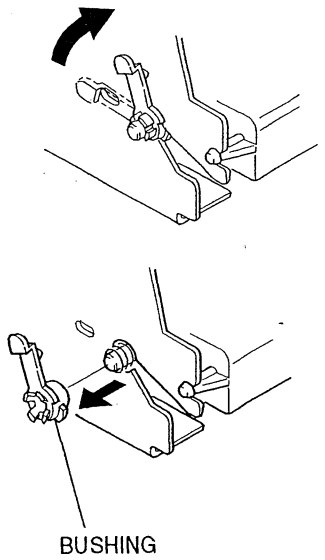
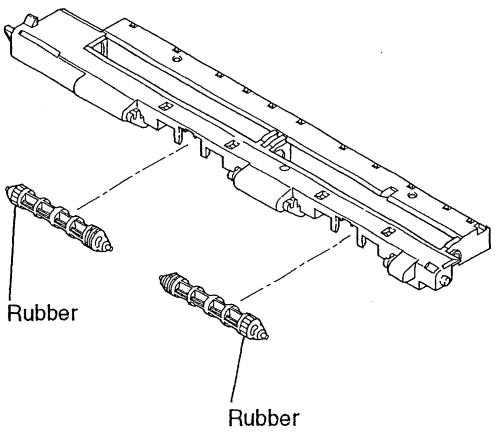
FIGURE 14-b	See Page 2-27	FIGURE 15-a	See Page 2-29
			
Fold the CARRIAGE RIBBON CABLE ASS'Y as shown in the illustration.		Arrange the PULSE MOTOR, PAPER FEED as shown in the illustration above.	
FIGURE 16-a	See Page 2-31	**FIGURE 16-b**	See Page 2-31
			
Rotate the BUSHING in the direction of the arrow, and break the tab.		When attaching the PAPER EJECT ROLLER ASS'Y, attach as shown in the diagram, with the rubber facing outward.	

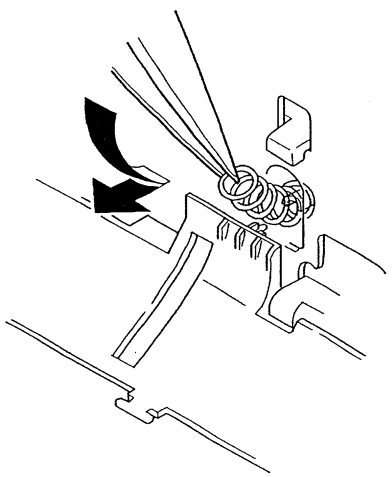
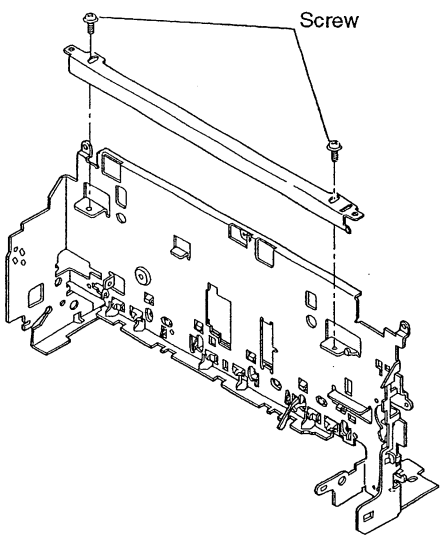
FIGURE 17-a	See Page 2-33	FIGURE 17-b	See Page 2-33
			
When attaching the SPRING, COIL, use tweezers to attach, as illustrated above.		Alf these screws are loosened, head gap adjustment will be required.	

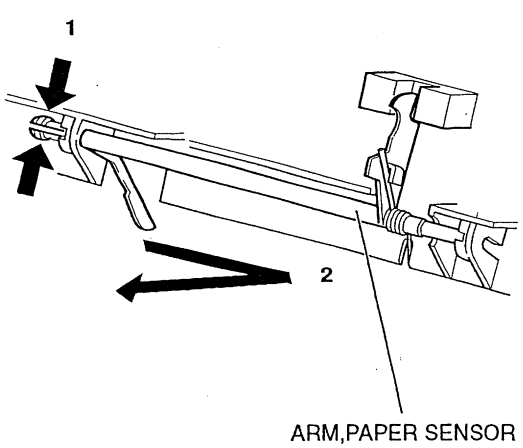
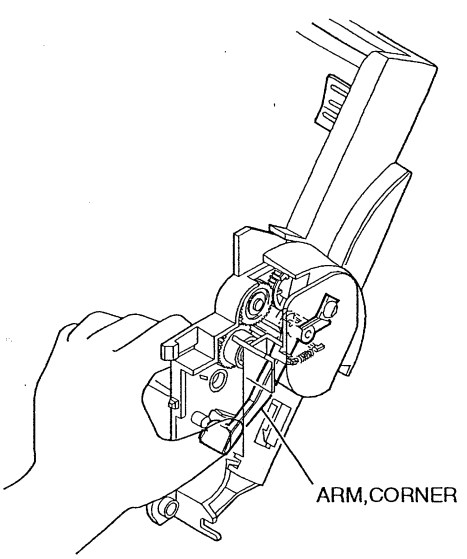
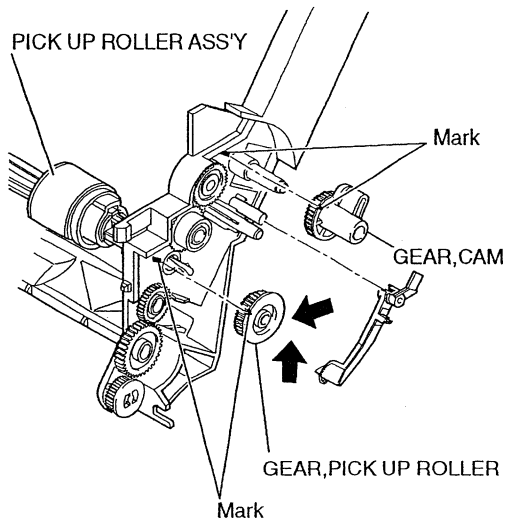
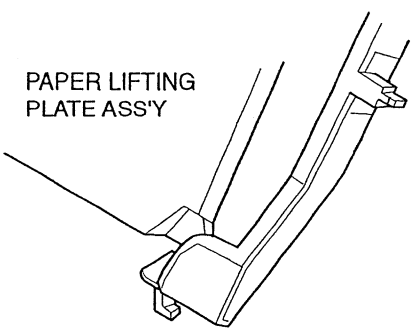
FIGURE 18-a	See Page 2-35	FIGURE 19-a	See Page 2-37
			
When removing the ARM, PAPER SENSOR, push in the direction of the arrow 1, and move in the direction of the arrow 2.		When removing the screw at Key No. 10, press down on the ARM, CORNER.	

FIGURE 19-b See Page 2-37/39



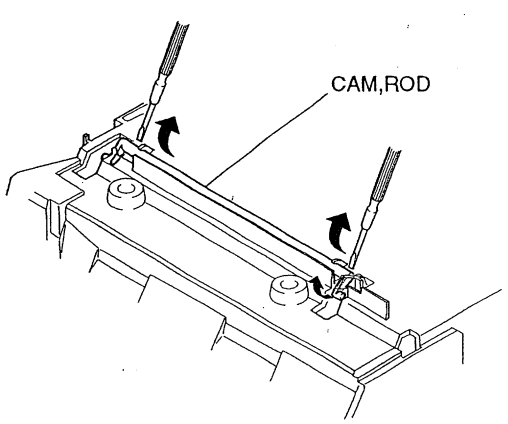
When removing the PICK UP ROLLER ASS'Y, bend the tabs in the direction of the arrows. Make sure that the GEAR, CAM and GEAR, PICKUP ROLLER are attached so that the marks line up.

FIGURE 20-a See Page 2-39



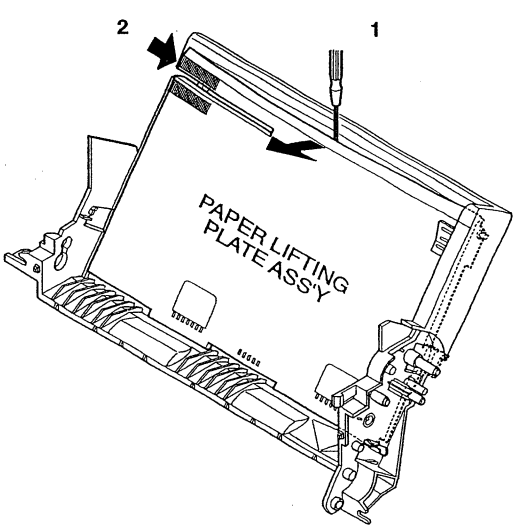
Attach the corner arm so that the end tab is on top of the PAPER LIFTING ASS'Y.

FIGURE 21-a See Page 2-41

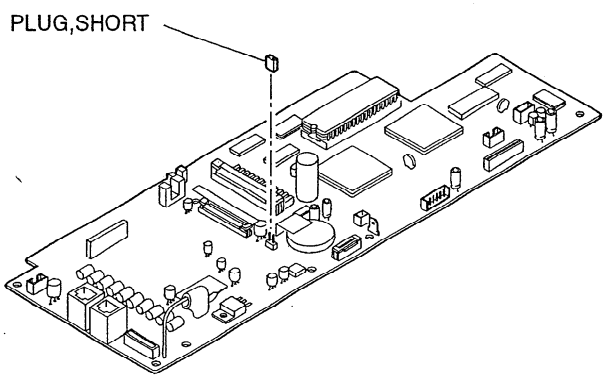


When removing the CAM, ROD, remove as shown in the diagram.

FIGURE 21-b See Page 2-41



When removing the PAPER LIFTING PLATE ASS'Y, insert a flat bladed screwdriver into location 1, and free the boss 2 from the FRAME, ASF.

FIGURE 22-a	See Page 2-43		
			
The SCNT BOARD ASS'Y does not have a PLUG, SHORT attached.			

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6. NUMERICAL INDEX

PART NUMBER	FIGURE & KEY No.	DESCRIPTION
HA2-0868-000	1 - 7	LABEL, MERCURY
HB1-0322-000	10 - 5	LABEL, UPPER LIMIT
HB1-1190-050	3 - 2	COVER, MAIN (REAR)
HB1-1191-070	2 - 1	COVER, LOGIC BOARD
HB1-1199-000	6 - 3	COVER, DOCUMENT GUIDE, UPPER
HB1-1200-000	6 - 1	BELT, STOPPER
HB1-1203-000	8 - 4	SHIELD, LIGHT
HB1-1204-000	8 - 3	COVER, SCANNER DRIVE
HB1-1205-000	9 - 3	PLATE, POSITIONING, CS HOLDER
HB1-1206-060	9 - 1	COVER, DOCUMENT GUIDE, LOWER
HB1-1207-000	8 - 1	ARM, DETECTION (DES)
HB1-1208-000	9 - 2	SPRING, LEAF
HB1-1210-020	8 - 8	CLUTCH
HB1-1212-040	9 - 8	HOLDER, CONTACT SENSOR
HB1-1214-000	8 - 12	CLUTCH
HB1-1219-000	11 - 7	PLATE, GROUNDING
HB1-1223-090	3 - 1	COVER, MAIN (FRONT)
HB1-1224-000	3 - 4	PLATE, SPEAKER MOUNTING
HB1-1231-060	13 - 7	HOLDER, CARRIAGE RIBBON CABLE
HB1-1232-000	12 - 9	SHAFT, CARRIAGE
HB1-1233-000	17 - 3	PLATE, PRESSURE
HB1-1235-000	18 - 4	GUIDE, PRESSURE PLATE
HB1-1236-000	14 - 1	GUIDE, RIBBON CABLE
HB1-1237-000	13 - 5	COVER, CARRIAGE TOP
HB1-1238-000	14 - 8	LEVER, FORMS THICKNESS
HB1-1239-000	14 - 7	CAM, TENSION
HB1-1240-000	14 - 10	PLATE,POSITIONING,INK SENSOR
HB1-1241-000	14 - 4	BASE, CARRIAGE
HB1-1242-000	16 - 3	PLATEN
HB1-1246-090	21 - 5	FRAME, CUT SHEET FEEDER
HB1-1247-040	19 - 1	COVER, LEVER GUIDE
HB1-1248-060	21 - 6	GUIDE, PAPER
HB1-1254-000	6 - 8	SPRING, LEAF, GUIDE
HB1-1255-000	6 - 7	SHEET, SEPARATION GUIDE
HB1-1256-040	3 - 3	COVER, INTERFACE CONNECTOR
HB1-1257-040	21 - 7	STOPPER, PAPER GUIDE
HB1-1258-030	10 - 4	LABEL, PAPER LOADING
HB1-1263-000	13 - 2	LEVER, HOOKING
HB1-1264-000	1 - 9	HANDSET CRADLE
	24 - 2	
HB1-1287-000	21 - 8	SHEET, STOPPER
HB1-1334-000	2 - 7	LABEL, CARTRIDGE
HB1-1464-000	8 - 9	ROLLER, SEPARATION
HB1-2164-000	10 - 3	SPRING, LEAF
HB1-2171-000	4 - 7	SHEET, INSULATION
HB1-2193-020	5 - 7	ABSORBER, WASTE INK
HB1-2810-020	10 - 2	GUIDE, DOCUMENT
HB1-2811-020	10 - 1	TRAY, DOCUMENT, EXTENSION
HB1-2817-000	9 - 15	ELIMINATOR, STATIC-CHARGE
HB1-3068-000	21 - 1	CAM, ROD
HB1-4219-000	7 - 4	ARM, DETECTION (DS)
HB1-4220-000	7 - 3	HOLDER, DETECTION ARM
HB1-4229-000	7 - 5	SHEET, ONE-TOUCH

PART NUMBER	FIGURE & KEY No.	DESCRIPTION
HB1-4230-000	7 - 5	SHEET, ONE-TOUCH
HB1-4231-000	7 - 5	SHEET, ONE-TOUCH
HB1-4232-000	7 - 5	SHEET, ONE-TOUCH
HB1-4233-000	7 - 5	SHEET, ONE-TOUCH
HF5-0105-000	11 - 8	PLATE, SCANNER DRIVE
HF5-0106-000	16 - 8	ROLLER, PAPER FEED
HF5-0107-000	21 - 2	PAPER LIFTING PLATE ASS'Y
HF5-0108-020	5 - 5	LOWER COVER UNIT
HF5-0140-020	6 - 9	SEPARATION GUIDE UNIT
HF5-0374-030	1 - 2	PAPER TRAY
HG1-4331-000	4 - 5	NCU BOARD ASS'Y
HG1-4356-000	4 - 3	SCNT BOARD ASS'Y
HG1-4357-000	4 - 3	SCNT BOARD ASS'Y
HG1-4358-000	4 - 3	SCNT BOARD ASS'Y
HG1-4363-000	4 - 3	SCNT BOARD ASS'Y
HG5-0410-030	8 - 2	SEPARATION ROLLER ASS'Y
HG5-0412-030	8 - 5	DOCUMENT FEED ROLLER ASS'Y
HG5-0423-030	14 - 5	CARRIAGE RIBBON CABLE ASS'Y
HG5-0427-090	4 - 2	AUTO SHEET FEEDER ASS'Y
HG5-0432-020	19 - 3	PAPER PICKUP ROLLER ASS'Y
HG5-0433-000	16 - 4	PAPER EJECT ROLLER ASS'Y
HG5-0616-090	4 - 5	NCU BOARD ASS'Y
HG5-0771-020	6 - 5	SEPARATION GUIDE ASS'Y
HG5-0886-000	4 - 5	NCU BOARD ASS'Y
HG5-1187-030	1 - 3	PAPER TRAY COVER
HG5-1190-040	2 - 4	FRONT COVER ASS'Y
HG5-1207-000	4 - 5	NCU BOARD ASS'Y
HG5-1208-020	12 - 8	CARRIAGE ASS'Y
HG5-1224-020	4 - 5	NCU BOARD PCB ASSEMBLY
HG5-2147-000	5 - 1	PRINT ASS'Y
HH2-2074-000	1 - 5	MODULAR CORD (GER)
HH2-2484-020	1 - 5	MODULAR CORD, 2W
HH2-2494-000	9 - 6	WIRE, GROUNDING
HH2-2495-000	11 - 6	WIRE, GROUNDING
HH2-2527-000	5 - 8	CABLE WITH MODULAR JACK
HH2-2528-000	4 - 8	FLAT CABLE
HH2-2540-000	22 - JARG 1	WIRE, GROUNDING
HH2-2756-000	1 - 6	BT-FCC ADAPTER
HH2-2784-000	4 - 9	CABLE ASSEMBLY
HH2-2815-000	9 - 7	FLAT CABLE
HH2-2824-000	1 - 5	MODULAR CORD, 2P
HH2-2849-000	1 - 5	CORD, MODULAR, 6P
HH2-2851-000	1 - 5	CORD, MODULAR, 6P
HH2-2857-000	1 - 5	CORD, MODULAR, 6P
HH2-3012-000	7 - 2	CABLE, FLAT, 19P
HH3-5347-000	4 - 1	POWER SUPPLY UNIT
HH3-5349-000	4 - 1	POWER SUPPLY UNIT
HH3-5350-000	4 - 1	POWER SUPPLY UNIT
HH4-2690-000	22 - IC 1	IC, T7D55-214, C-MOS
HH4-2730-000	22 - IC 5	IC, UPD65802GD-202-LML
HH4-3318-000	22 - IC 4	IC, MSM538002E-U8RS, MASK-ROM
HH4-3323-000	22 - IC 4	IC, MSM538002E-U9RS, MASK-ROM
HH4-3325-000	22 - IC 4	IC, MSM538002E-VORS, MASK-ROM

PART NUMBER	FIGURE & KEY No.	DESCRIPTION
HH7-2092-000	9 - 11	CONTACT SENSOR UNIT
HH7-2093-000	11 - 1	PULSE MOTOR, DOCUMENT FEED
HH7-2104-000	1 - 8	HANDSET ASS'Y (USA, AG)
HH7-2127-000	1 - 8	HANDSET ASS'Y
HH7-2179-000	23 - T 1	TRANSFORMER MODULE
HH7-2189-000	22 - IC1008	IC, AFM97F002X2, HYBRID
HH7-2209-000	23 - T 2	DC RESISTOR CONTROL MODULE
HH7-2227-000	23 - Q 1	TRANSISTOR, 2SD2217 NC2
HH7-2240-000	23 - L 3	INDUCTOR, TSU-FL474
HH7-2259-000	3 - 5	SPEAKER
HH7-2298-000	23 - L 2	INDUCTOR TSU-FL481
HH7-2408-000	24 - 1	HANDSET UNIT (EU, AG)
HH7-2445-000	7 - 1	OPERATION PANEL UNIT
HH7-2447-000	7 - 1	OPERATION PANEL UNIT
HH7-2448-000	7 - 1	OPERATION PANEL UNIT
HH7-2449-000	7 - 1	OPERATION PANEL UNIT
HH7-2450-000	7 - 1	OPERATION PANEL UNIT
HH7-2451-000	7 - 1	OPERATION PANEL UNIT
HH7-2460-000	24 - 1	HANDSET UNIT (UK, AG)
HS5-0119-030	8 - 6	GEAR WITH ONEWAY CLUTCH, 39T
HS5-0120-000	8 - 11	GEAR, 52T
HS5-0121-000	11 - 4	GEAR, 52T
HS5-0122-000	11 - 3	GEAR, 51/17T
HS5-0123-000	11 - 5	GEAR, 50T
HS5-0124-000	11 - 2	GEAR, 17T
HS5-1028-000	8 - 7	BUSHING
HS5-1029-000	8 - 10	BUSHING
HS5-2041-000	6 - 4	SPRING, COIL
HS5-2117-000	9 - 5	SPRING, COIL
HS5-9003-000	17 - 5	SCREW, BH(RED) M3X4
HS5-9005-000	9 - 9	SCREW, M2.6X3.5
HT1-2142-000	1 - 1	USER'S GUIDE (ENGLISH)
HT1-3087-000	1 - 1	USER'S GUIDE (MODELE FRANCE)
HT1-5063-000	1 - 1	USER'S GUIDE (DEUTSCH)
HT1-6035-000	1 - 1	USER'S GUIDE (CHINESE)
HY9-0002-000	25 - T 1	GAUGE, GAP (1MM)
HY9-0003-000	25 - T 2	GAUGE, GAP (0.1MM)
QB1-0404-000	17 - 1	FRAME, CARRIAGE GUIDE
QB1-0406-000	12 - 7	GUIDE, CORNER
QB1-0410-000	17 - 2	SPRING, COIL
QB1-0411-000	18 - 3	ARM, PAPER SENSOR
QB1-0412-000	18 - 2	SPRING, TORSION
QB1-0417-000	16 - 1	BUSHING
QB1-0419-000	16 - 7	SHAFT, ROLLER
QB1-0420-000	16 - 13	ARM, TRANSMISSION
QB1-0421-000	16 - 11	SPRING, COIL
QB1-0422-000	16 - 9	BUSHING
QB1-0423-000	16 - 2	SPRING, COIL
QB1-0425-000	16 - 12	GEAR, TRANSMISSION
QB1-0428-000	16 - 6	ROLLER, TRANSMISSION
QB1-0429-030	16 - 5	RING, RUBBER
QB1-0433-000	19 - 7	PAPER, GUIDE
QB1-0436-000	14 - 3	PAD, CONTACT

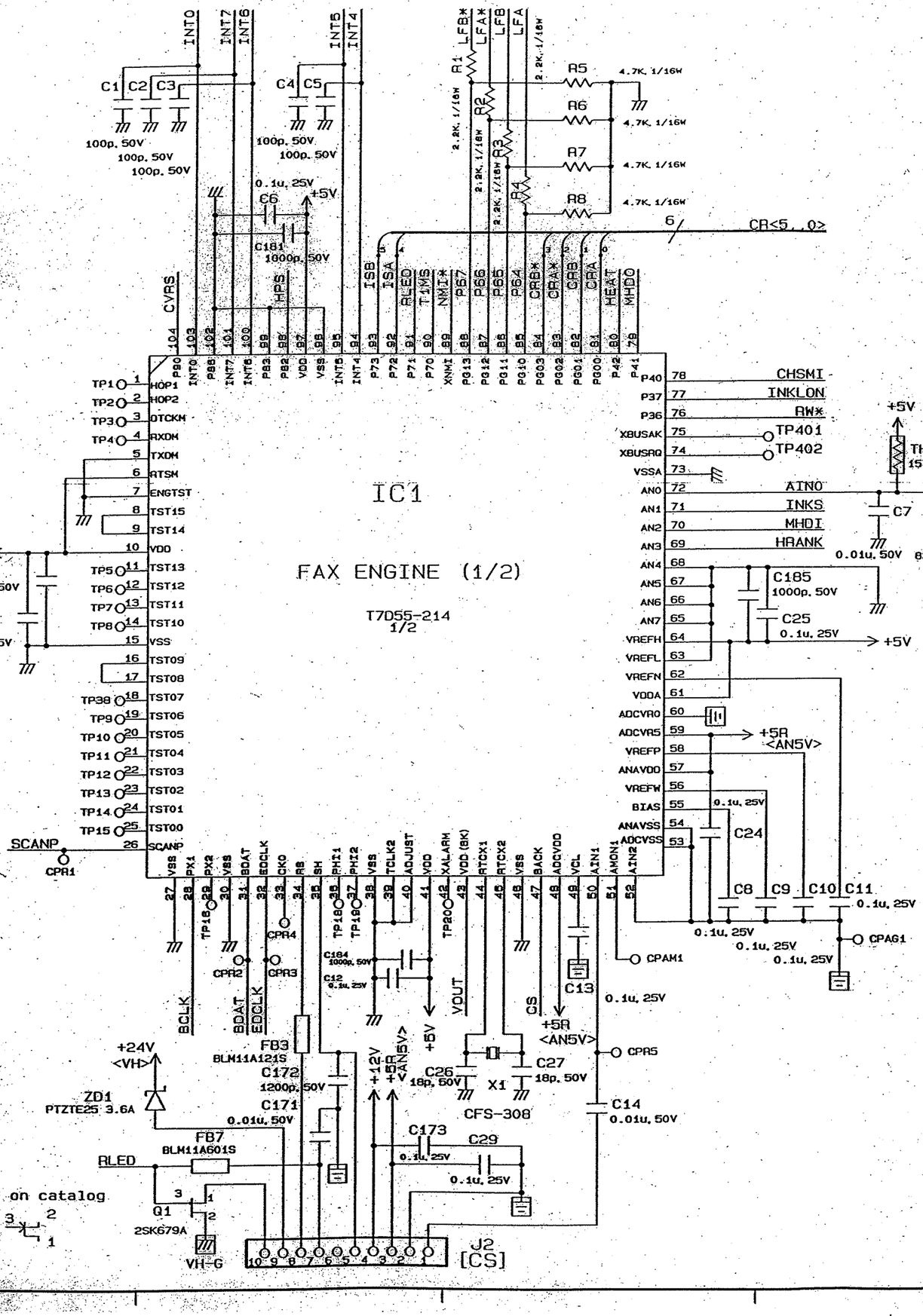
PART NUMBER	FIGURE & KEY No.	DESCRIPTION
QB1-0438-000	13 - 4	HOOK, CARRIAGE
QB1-0439-000	13 - 3	SPRING, COIL
QB1-0440-020	13 - 1	COVER, HOOK
QB1-0441-000	14 - 2	HOLDER, RIBBON CABLE (UPPER)
QB1-0446-000	14 - 9	SPRING, TORSION
QB1-0449-000	14 - 6	SPRING, HOOK END COIL
QB1-0467-000	12 - 2	SPRING, HOOK END COIL
QB1-0475-000	20 - 3	ARM, CORNER
QB1-0476-000	20 - 1	LEVER, PAPER SELECTION
QB1-0477-000	20 - 5	GEAR, CAM
QB1-0478-000	19 - 2	GEAR, PICKUP ROLLER
QB1-0479-000	19 - 6	GEAR, TRANSMISSION
QB1-0480-000	19 - 5	GEAR, TRANSMISSION
QB1-0482-000	20 - 7	SPRING, ONE WAY CLUTCH
QB1-0483-000	20 - 8	GEAR, ONE WAY CLUTCH
QB1-0484-000	20 - 6	GEAR, TRANSMISSION
QB1-0485-000	19 - 4	GEAR, TRANSMISSION
QB1-0489-000	20 - 4	SPRING, COIL
QB1-0490-000	20 - 2	COIL, SPRING HOOK END
QB1-0491-000	21 - 4	SPRING, COIL
QB1-0493-000	21 - 3	SHEET, FRICTION
QB1-0495-000	19 - 8	ROLLER, SLIP
QB1-0496-000	19 - 9	RING, RUBBER, PICK-UP
QB1-0499-000	12 - 6	CLIP, SHAFT
QB1-0500-000	15 - 2	GEAR, SLOW DOWN
QB1-0501-020	12 - 3	ROLLER, IDLER
QB1-0502-000	12 - 4	BRACKET, IDLER
QB1-0503-000	12 - 5	SPRING, COIL
QB1-0507-000	5 - 6	FOOT, PRINTER
QB1-0508-000	5 - 4	COVER, WASTE INK ABSORBER
QB1-0509-000	5 - 2	ABSORBER, WASTE INK
QB1-0510-000	5 - 3	ABSORBER, WASTE INK
QB1-0517-000	2 - 5	SPUR
QB1-0518-000	2 - 6	SPUR SHAFT
QB1-0522-020	19 - 11	RING, RUBBER
QB1-0622-000	16 - 14	WASHER, PLAIN
QB1-0684-000	17 - 4	ROLLER, PRESSURE
QB1-1260-000	13 - 6	BELT, CARRIAGE
QB1-3945-000	18 - 1	ARM, SENSOR
QG5-0671-000	12 - 1	PURGE UNIT
QH4-4112-000	15 - 1	MOTOR, CARRIAGE
QH4-4114-000	15 - 3	MOTOR, PAPER FEED
QH8-8903-000	22 - X 2	OSCILLATOR, CERAMIC:16.00MHZ
TKC-0953-000	25 - T 3	GREASE, FLOIL G311S (20GS)
WE8-5603-000	11 - 10	CORE
WK1-5047-000	22 - BAT 1	LITHIUM BATTERY, CR2450HC22NC
WT1-5472-000	22 - JP 2	PLUG, SHORT
WT2-5415-000	4 - 6	SPACER
WT3-5020-000	1 - 4	CORD, POWER
WT3-5021-000	1 - 4	CORD, POWER
WT3-5058-000	1 - 4	CORD, POWER
WT3-5098-000	1 - 4	CORD, POWER SUPPLY
WT3-5099-000	1 - 4	CORD, POWER SUPPLY

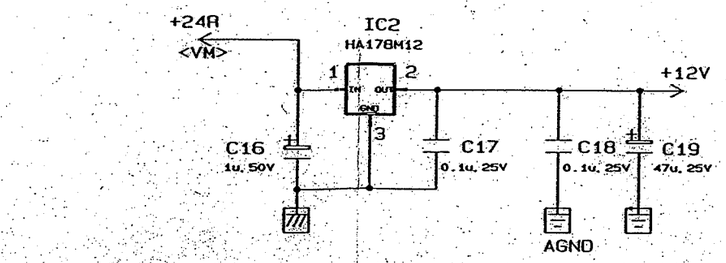
PART NUMBER	FIGURE & KEY No.	DESCRIPTION
XA9-0476-000	6 - 10	SCREW, TP M3X8
XA9-0613-000	16 - 10	NUT, SUS
XA9-0660-000	2 - 8	ROULETTE SCREW
XA9-0689-020	1 - 10	SCREW, HANDSET HOLDER
XA9-0718-000	24 - 4	SCREW, HANDSET HOLDER
XB1-2300-407	9 - 13	SCREW, BH3X4 (S)
	11 - 9	
	15 - 4	
XB4-7200-609	6 - 11	SCREW, M2X6
XB4-7300-609	12 - 10	SCREW, TAP, BINDING HEAD, M3X6
XB4-7300-807	3 - 6	SCREW, TAP TIGHT, BINDING HEAD
	9 - 14	
	19 - 10	
XB4-7301-009	2 - 2	SCREW, BINDING HEAD M3X10
	6 - 12	
	9 - 12	
XB6-7300-407	4 - 4	SCREW, TP, PH M3X4
XD2-1100-502	8 - 13	RETAINING RING (E-TYPE)

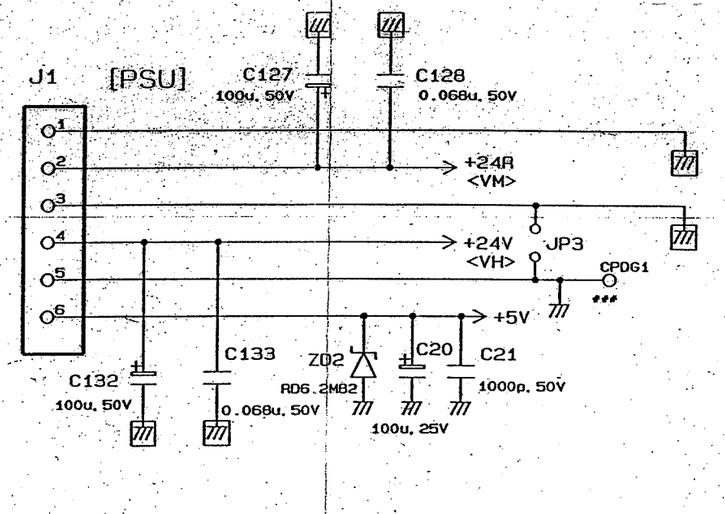
IC1

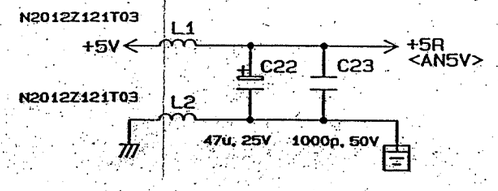
FAX ENGINE (1/2)

T7D55-214
1/2









VH-G AGND DGND

CP** CHECK PIN TP** CHECK PAD

NO.	REMARK

DRAWING NAME: SCNT BOARD ASS'Y (EC, UK, GER, AUS) CHINA

DRAWING No.: HG1-4356-A502

MODEL NAME	PART No.	REV.
FAX-B155	HG1-4356	01
FAX-B155(CHINA)	HG1-4363	01

77/114

IC1

FAX ENGINE (2/2)

T7D55-214
2/2

CSA16.00MXZ048

IC3 CY7C199-20VC

IC4 ICS1 DILB42P-8J LH5388XX/HH4-3318 8M-ROM (Con+CG)

13 / A<12..0>

7

24 / A<23..0>

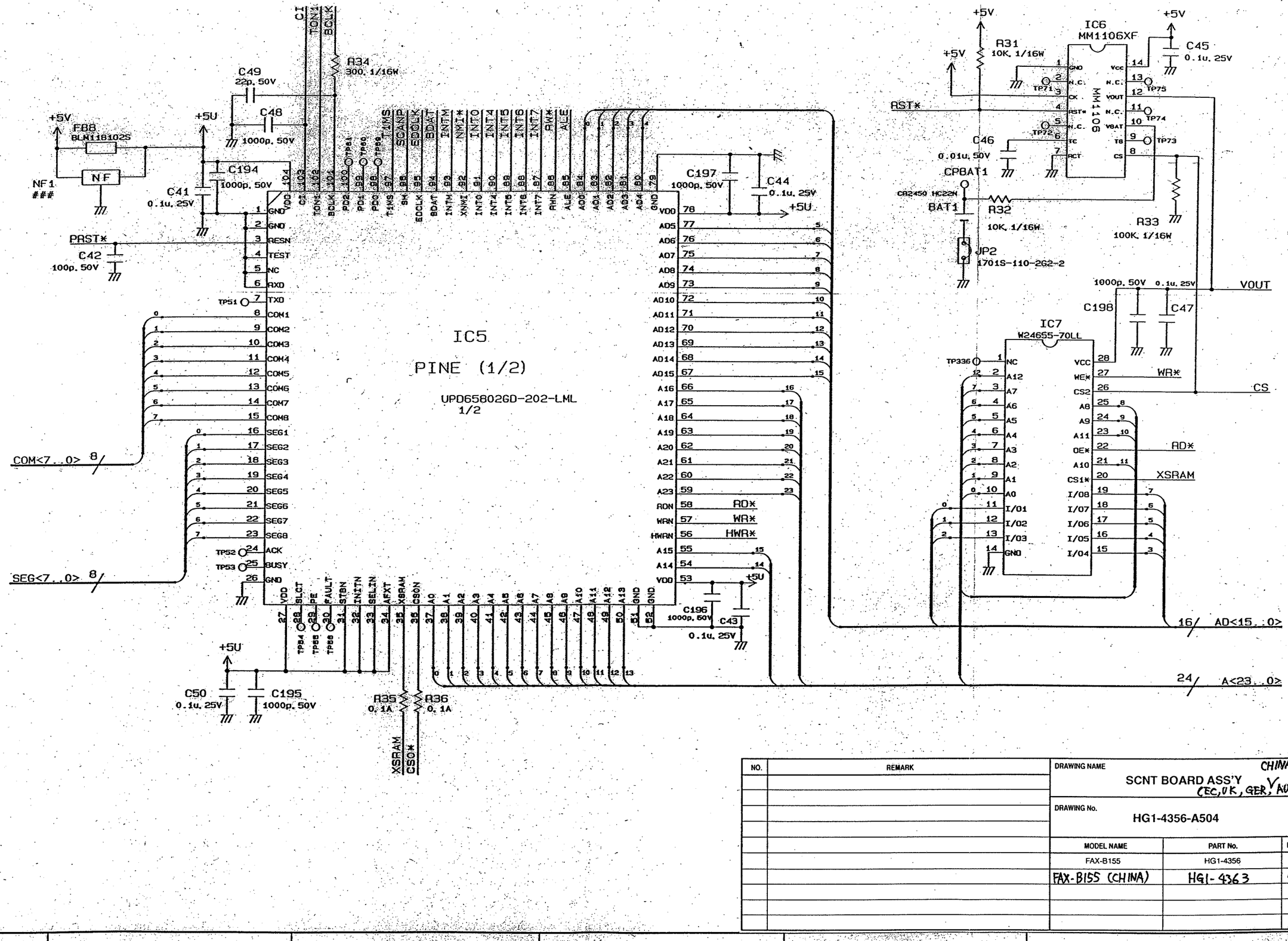
16 / AD<15..0>

NO.	REMARK

DRAWING NAME: SCNT BOARD ASS'Y (EC, UK, GER, AUS) CHINA Y

DRAWING No.: HG1-4356-A503

MODEL NAME	PART No.	REV.
FAX-B155	HG1-4356	01
FAX-B155 (CHINA)	HG1-4363	01



NO.	REMARK

DRAWING NAME: SCNT BOARD ASS'Y (EC, UK, GER, AUS) CHINA V

DRAWING No.: HG1-4356-A504

MODEL NAME	PART No.	REV.
FAX-B155	HG1-4356	01
FAX-B155 (CHINA)	HG1-4363	01

A

79/14

J4 TO SPK
FB1 BK1608LM252
FB2 BK1608LM252
IC9 MC34119D
C51 4.7u, 35V
C52 1u, 50V
C53 0.1u, 25V
R80 82K, 1/16W
R79 10K, 1/16W
SPSTP
+5V

IC11 4066
R43 10K, 1/16W
R42 33K, 1/16W
R41 82K, 1/16W
R40 180K, 1/16W
R156 390K, 1/16W
SPVOL1
SPVOL2
SPVOL3
SPVOL4

R50 WE* 390, 1/16W
R51 OE* 390, 1/16W
R52 CASH* 390, 1/16W
R53 CASL* 390, 1/16W
R54 RAS* 390, 1/16W
C151 100p, 50V
C152 100p, 50V
C153 100p, 50V
C154 100p, 50V
C155 100p, 50V
C64 0.1u, 25V
C199 1000p, 50V
+5U

HOOK* OUT PRD SRD
RKEY IPSEL
DC NORG C1 C2
AST CIST1 CIST2 NZ
SPVOL1 SPVOL2 SPVOL3 SPVOL4
SPSTP SPSEL1 ALMVOL1
FBA3 BK32164M102
FBA2 BK32164M102
FBA1 BK32164M102

IC5
PINE (2/2)
UPD65802GD-202-LML
2/2

C58 0.1u, 25V
C202 1000p, 50V
MD7 MD6 MD5 MD4 MD3 MD2 MD1 MD0
IFD7 IFD6 IFD5 IFD4 IFD3 IFD2 IFD1 IFD0
SCLK PRTST NC DRAMSEL TMSEL SRAMSEL XI XO VDD
R70 10K, 1/16W +5U
C201 1000p, 50V
C59 0.1u, 25V

IC8 UPD424260LE-70
C62 0.1u, 25V
C203 1000p, 50V
C204 1000p, 50V
C63 0.1u, 25V
WE* RAS* CASL* CASH* OE*

R77 1M, 1/16W
R78 0, 1A
X4 CST22.11MXW040

IC10 HC4053
R44 0, 1A
C54 0.1u, 25V
LINOT
R46 10K, 1/16W
C55 0.1u, 25V
C56 0.01u, 50V
R47 1K, 1/16W
R49 3.9K, 1/16W
R48 22K, 1/16W
TON1

C213 C212 C211 C158 C157 C168 C167 C166 C165 100p, 50V
C159 C160 C161 C162 C163 C164 100p, 50V
GI PHB PHA MOTENX

VRB R72 10K, 1/16W R73 1K, 1/16W R71 33K, 1/16W C60 0.01u, 50V
R74 1K, 1/16W R75 10K, 1/16W VRA R76 33K, 1/16W C61 0.01u, 50V

IC10 C85 0.1u, 25V C208 1000p, 50V
FB25 BLM11A601S
IC11 C57 0.1u, 25V C209 1000p, 50V
IC10 HC4053
C156 1000p, 50V
R155 680, 1/16W
R55 R56 R57 R58 R59 R60 R61 R62 R63 R64 R65 R66 R67 R68 R69 680, 1/16W
J3 [PANEL]

NO.	REMARK

DRAWING NAME: SCNT BOARD ASS'Y (EC, UK, GER, AUS) CHINA
DRAWING No.: HG1-4356-A505

MODEL NAME	PART No.	REV.
FAX-B155	HG1-4356	01
FAX-B155 (CHINA)	HG1-4363	01

+12V
+5R <AN5V>
C1023 22u. 25V
C1024 0.1u. 25V
C1027 22u. 25V
C1028 0.1u. 25V
R1015 75K. 1/16W
C1025 220p. 50V
R1009 13K. 1/16W
C1016 0.1u. 25V
TXOUT
C1029 0.1u. 25V
R1020 24K. 1/16W
R1016 24K. 1/16W
C1026 2200p. 50V
Vref1
R1010 10K. 1/16W
IC1007 NJM3404AM
C1017 0.1u. 25V
LININ
VBIAS
RXINA
R1012 82K. 1/16W
C1021 180p. 50V
C1032 10u. 25V
C1033 0.1u. 25V
C1031 220p. 50V
R1019 100K. 1/16W
R1017 1K. 1/16W
R1011 22K. 1/16W
C1018 0.1u. 25V
LINOT
C1030 0.1u. 25V
IC1006 NJM3404AM
R1018 330. 1/16W
Vref1

TXOUT
VBIAS
RXINA
+5R <AN5V>
C101 0.1u. 25V
IC12 TC35133F
VDD RXINB
VBIASRXINA
TXOUT VSS2
VSS1 C5
MUTE C4
DPDMCK C3
DPDMDPDMDT
/PD APDMCK
C5
C4
C3
APDMDT
APDMCK
DA1 DAN217
MUTE
DPDMCK
DPDMDT

+12V
C1019 0.1u. 25V
Vref1
IC1006 NJM3404AM
C1020 1u. 50V
R1013 47K. 1/16W
R1014 47K. 1/16W
C1022 0.1u. 25V

IC1008 AF-1469
+12V
LININ
TX IN
+Vcc
C1010 0.1u. 25V
C1009 47u. 25V
Vref
VREF
AGND
LINOT
RX OUT
ANIN
ANALOG IN
CMLD
RX SEL
IPSEL
IMPEDANCE SEL
SIG
TX OUT/RX IN
N.C.
C1045 330p. 50V

+5V
R1028 10K. 1/16W
CI
Q1001 FA1L4M
IC1009 TC7S14F
IC1009 TC7S14F
VCC
GND
C1035 0.1u. 25V

C1036 330p. 50V
C1037 330p. 50V
C1038 330p. 50V
C1039 330p. 50V
C1096 330p. 50V
C1095 330p. 50V
C1094 330p. 50V
C1093 330p. 50V
C1012 0.1u. 25V
C1011 10u. 25V
+5V
FB1002
J1005
HRD
CMLD
SRD
PRD
DC
NORG
C1
C2
AST
CIST1
CIST2
NZ
RKEY
HOOK*
CIIN
OUT
FB1005
FB1006
FB1007
C1092 330p. 50V
C1091 330p. 50V
C1090 330p. 50V
C1040 330p. 50V
C1041 330p. 50V
C1042 330p. 50V
C1043 330p. 50V
C1044 330p. 50V

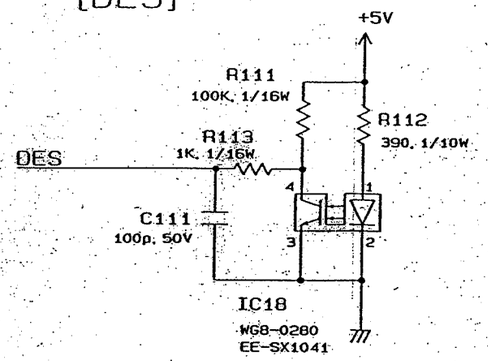
+12V
C1008 0.1u. 25V
ANIN
IC1005 NJM3404AM
C1006 1500p. 50V
R1004 330K. 1/16W
C1005 100p. 50V
R1002 82K. 1/16W
R1003 110K. 1/16W
IC1005 NJM3404AM
R1001 100K. 1/16W
C1004 1000p. 50V
R1005 10K. 1/16W
C1003 0.1u. 25V
C1007 10u. 16V
ZD1001 Z2010
SIG
Vref
+5R <AN5V>
FB1008
FB1009
FB1011
FB1012

NO.	REMARK

DRAWING NAME: SCNT BOARD ASS'Y (EC,UK,GER,AUS) CHINA
DRAWING No.: HG1-4356-A506

MODEL NAME	PART No.	REV.
FAX-B155	HG1-4356	01
FAX-B155 (CHINA)	HG1-4363	01

[DES]



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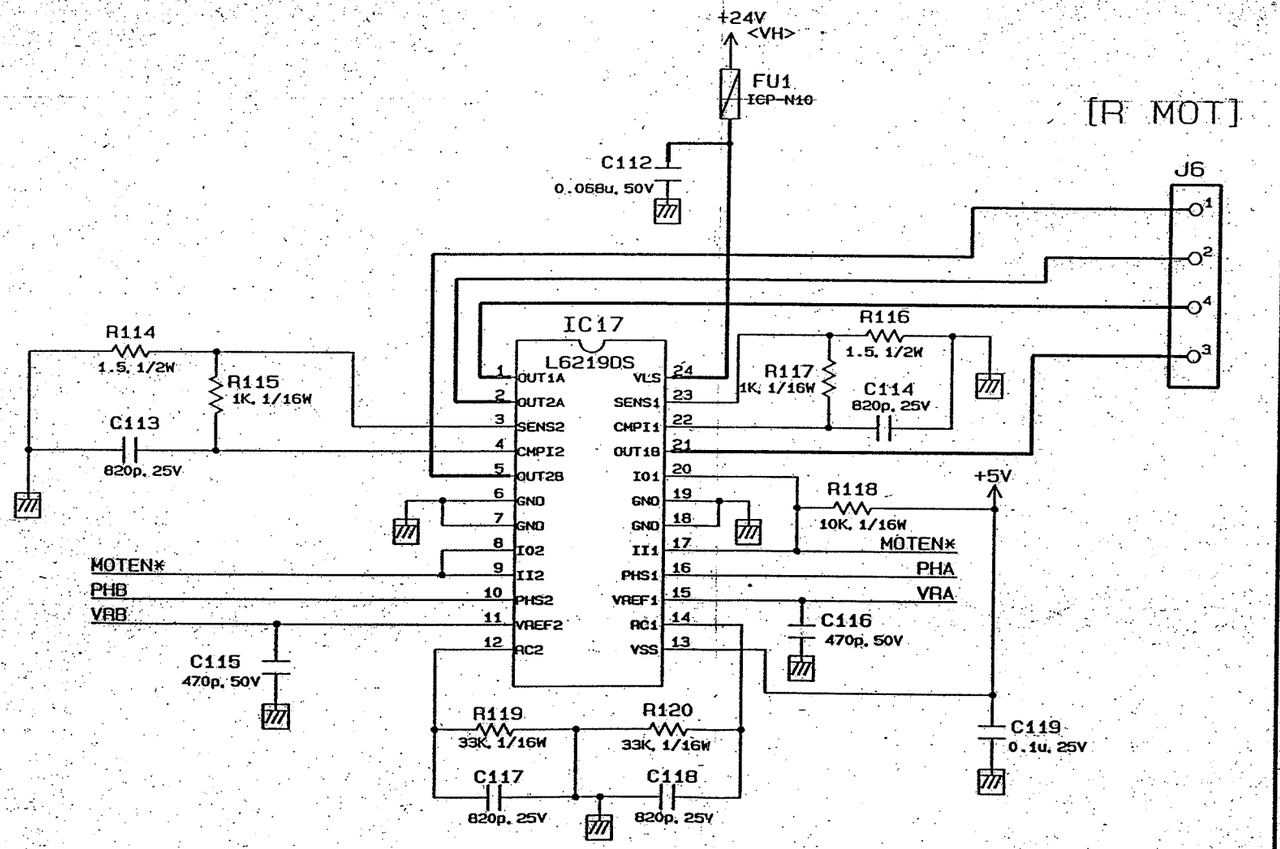


NO.	REMARK

DRAWING NAME: SCNT BOARD ASS'Y (EC, UK, GER, AUS) CHINA ✓

DRAWING No.: HG1-4356-A507

MODEL NAME	PART No.	REV.
FAX-B155	HG1-4356	01
FAX-B155(CHINA)	HG1-4363	01

[HEAD]
2SB1443Q
X8
J7
+24U
<VHA>
Q3 FMG8A
Q4 FMG8A
Q5 FMG8A
Q6 FMG8A
R121 150, 1/10W
R122 510, 1/4W
R123 150, 1/10W
R124 510, 1/4W
R125 150, 1/10W
R126 510, 1/4W
R127 150, 1/10W
R128 510, 1/4W
R129 150, 1/10W
R130 510, 1/4W
R131 150, 1/10W
R132 510, 1/4W
R133 150, 1/10W
R134 510, 1/4W
R135 150, 1/10W
R136 510, 1/4W
Q7
Q8
Q9
Q10
Q11
Q12
Q13
Q14
COM<7..0>
COM1
COM2
COM3
COM4
COM5
COM6
COM7
COM8
HCOM1
HCOM2
HCOM3
HCOM4
HCOM5
HCOM6
HCOM7
HCOM8
SEG6<7..0>
IC19
ULN2803A Dip-18p
GND
VH
I7 I6 I5 I4 I3 I2 I1 I0
O7 O6 O5 O4 O3 O2 O1 O0
SEG1
SEG2
SEG3
SEG4
SEG5
SEG6
SEG7
SEG8
C134 ###
HSEG8
HSEG7
HSEG6
HSEG5
HSEG4
HSEG3
HSEG2
HSEG1
ET1
E
T
HRANK
VH-G
R137 10K, 1/16W
+5V
R138 10K, 1/16W
R139 20K, 1/16W
R140 6.8K, 1/16W
ZD4 RD6.2MB2
C121 0.01u, 50V
R141 2.7K, 1/16W
D1
D1FS4
R142 5.6K, 1/4W
Q15 2SB1443Q
Q16 FA1L4M
C122 ###
C123 1000u, 35V
HEAT
MHDO
MHDI
HPS
R143 10K, 1/16W
R144 100, 1/16W
DA2
DAN217
R145 390, 1/10W
R146 39K, 1/16W
R147 10K, 1/16W
C125 1000p, 50V
ZD5 RD6.2MB2
C124 100p, 50V
CPINK1 ###
R148 100, 1/16W
INKS
ZD6 RD6.2MB2
R154 4.3K, 1/16W
C126 4.7u, 35V
R149 560, 1/10W
Q17 DTC114EK
INKLON

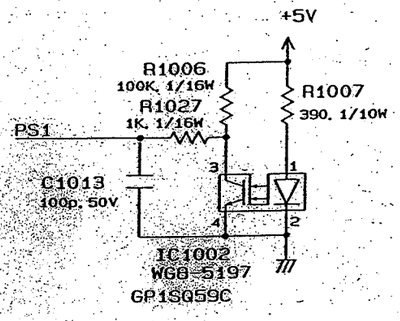
+24R
<VM>
FU2
ICP-N38
1.5A
[CR MOT]
175487-4
J8
A
A*
B*
B
IC21
MTD2003F
Vmm
OUT1
NC
RsA
NC
NC
OUT2
OUT3
NC
NC
RsB
NC
OUT4
Vmm
Vcc
IN1
IN2
I0
NC
VsA
Vr
C/R
VsB
NC
I1
IN3
IN4
Vcc
TP328
TP329
TP330
TP331
TP332
TP333
TP334
TP335
R150 0.51, 1/2W
R151 0.51, 1/2W
C130 0.1u, 25V
+5V
R152 470, 1/10W
ZD7 RD3.3MB1
ZD8 RD2.4MB
Q18 FA1L4M
CHSMI
R153 22K, 1/16W
C131 2200p, 50V
*IC21-29pin, 30pin are heat sink, and connect to VH-G.
CRA
CRA*
CRB
CRB*
ISA
ISB
6
CR<5..0>

NO.	REMARK

DRAWING NAME: SCNT BOARD ASS'Y (EC, UK, GER, AUS) CHINA
DRAWING No.: HG1-4356-A508

MODEL NAME	PART No.	REV.
FAX-B155	HG1-4356	01
FAX-B155 (CHINA)	HG1-4363	01

[PES]



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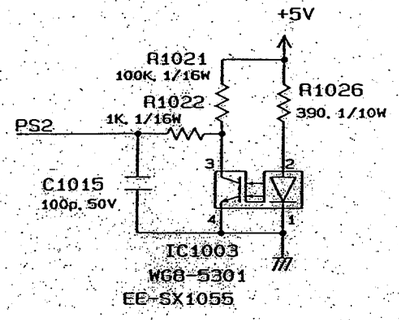

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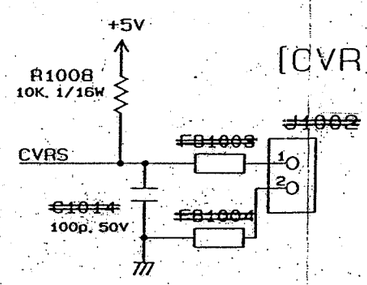
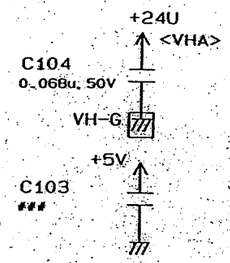
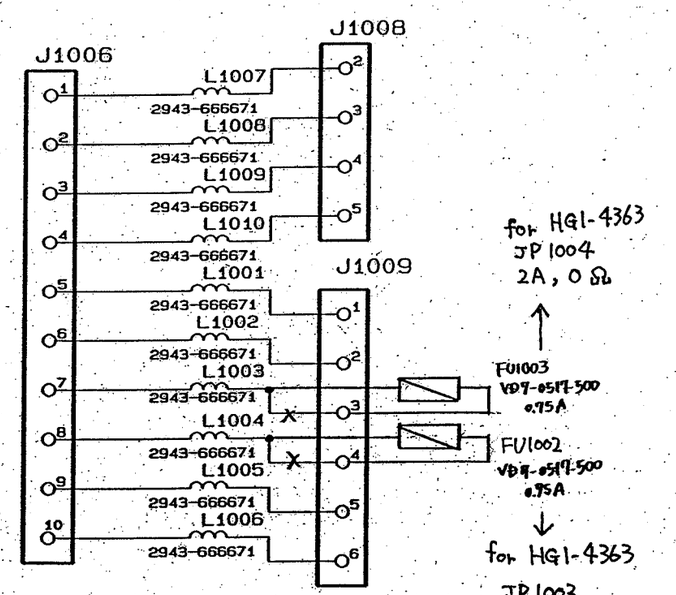




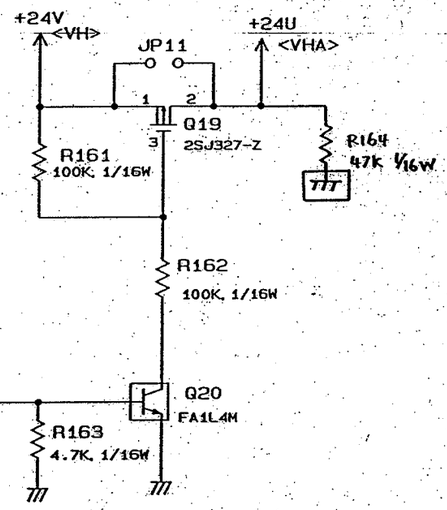


for HG1-4363
JP1004
2A, 0Ω

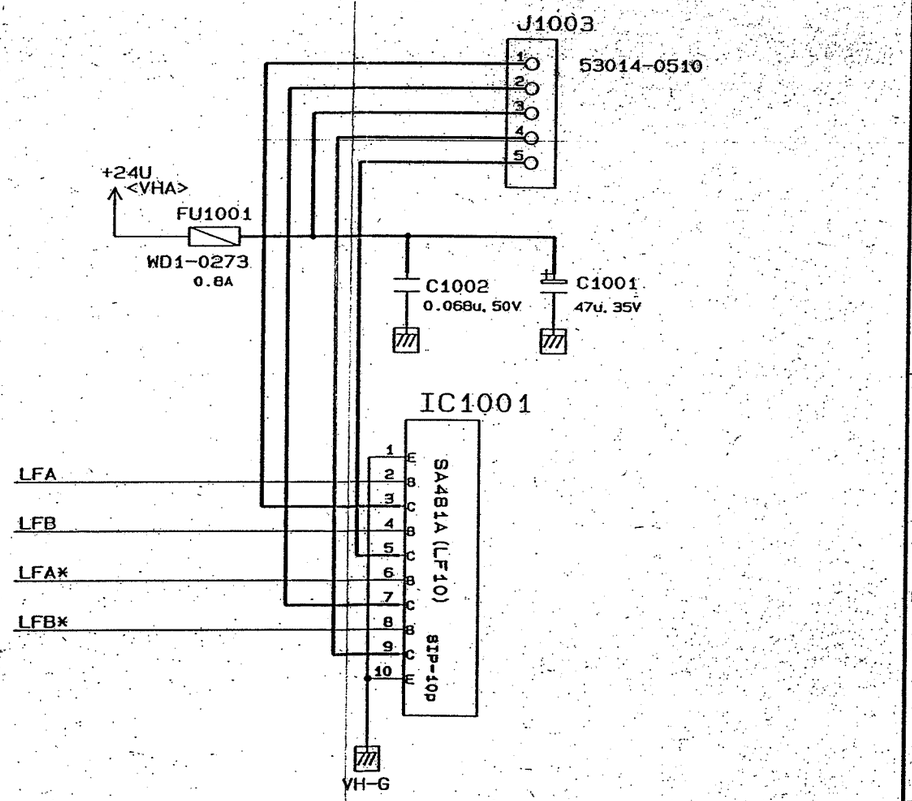
FU1003
VBY-0517-500
0.75A

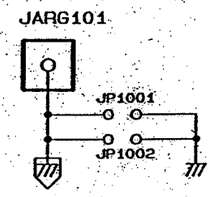
FU1002
VBY-0517-500
0.75A

for HG1-4363
JP1003
2A, 0Ω



[LF MOT]





NO.	REMARK

DRAWING NAME: SCNT BOARD ASS'Y (EC, UK, GER, AUS) CHINA

DRAWING No.: HG1-4356-A509

MODEL NAME	PART No.	REV.
FAX-B155	HG1-4356	02
FAX-B155 (CHINA)	HG1-4363	02

IC1

FAX ENGINE (1/2)

T7D55-214
1/2

** on catalog

IC2
HA178M12

J1 [PSU]

J2 [CS]

JP3

JFG1

NO.	REMARK

DRAWING NAME	SCNT BOARD ASS'Y (FRN)
DRAWING No.	HG1-4357-A602

MODEL NAME	PART No.	REV.
FAX-B155	HG1-4357	01

IC1

FAX ENGINE (2/2)

T7D55-214
2/2

IC3 CY7C199-20VC

ICS1 DIL842P-8J LH5388XX/HH4-3323

IC4 8M-ROM (Con+CG)

NO.	REMARK

DRAWING NAME: SCNT BOARD ASS'Y (FRN)

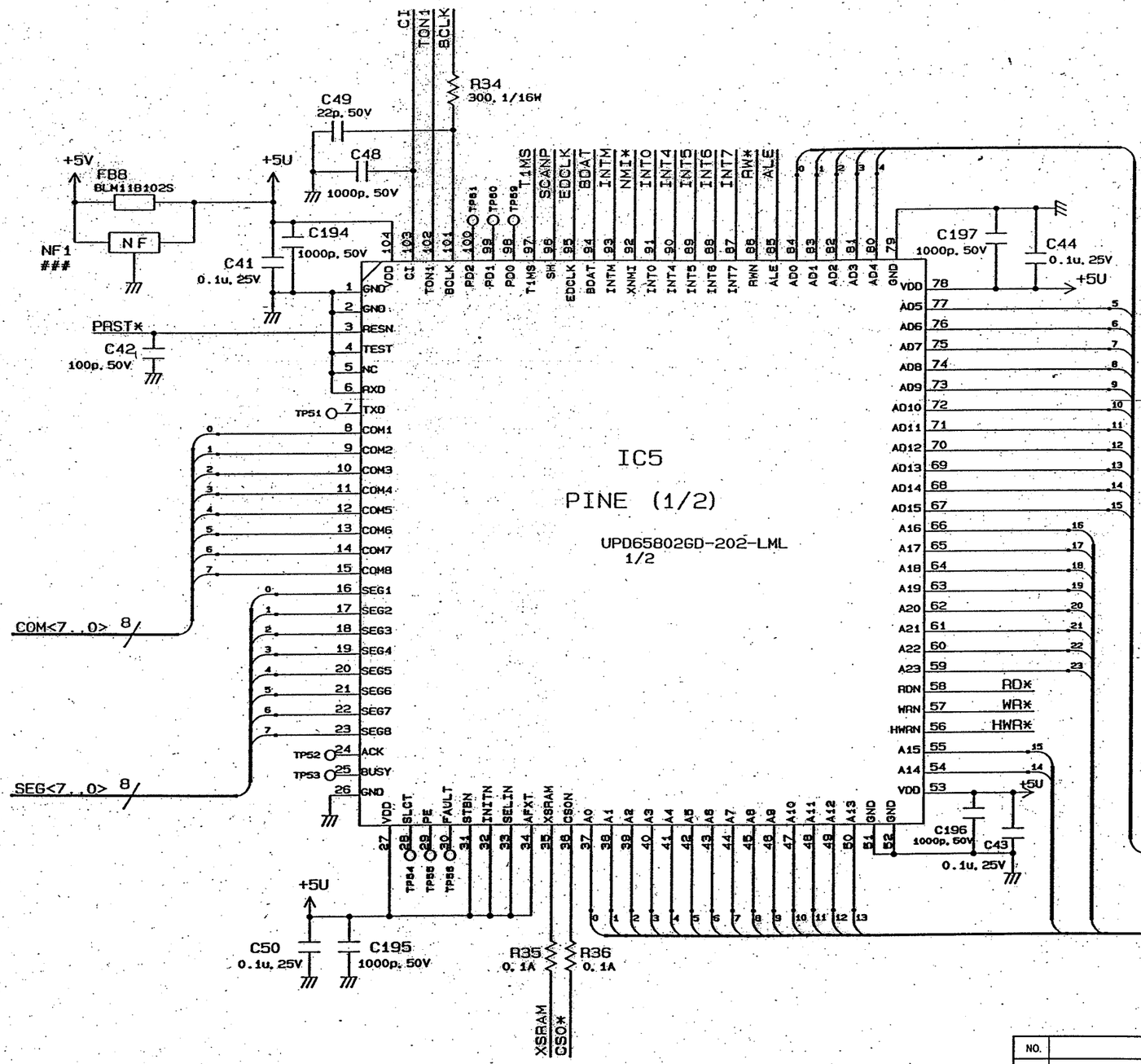
DRAWING No.: HG1-4357-A603

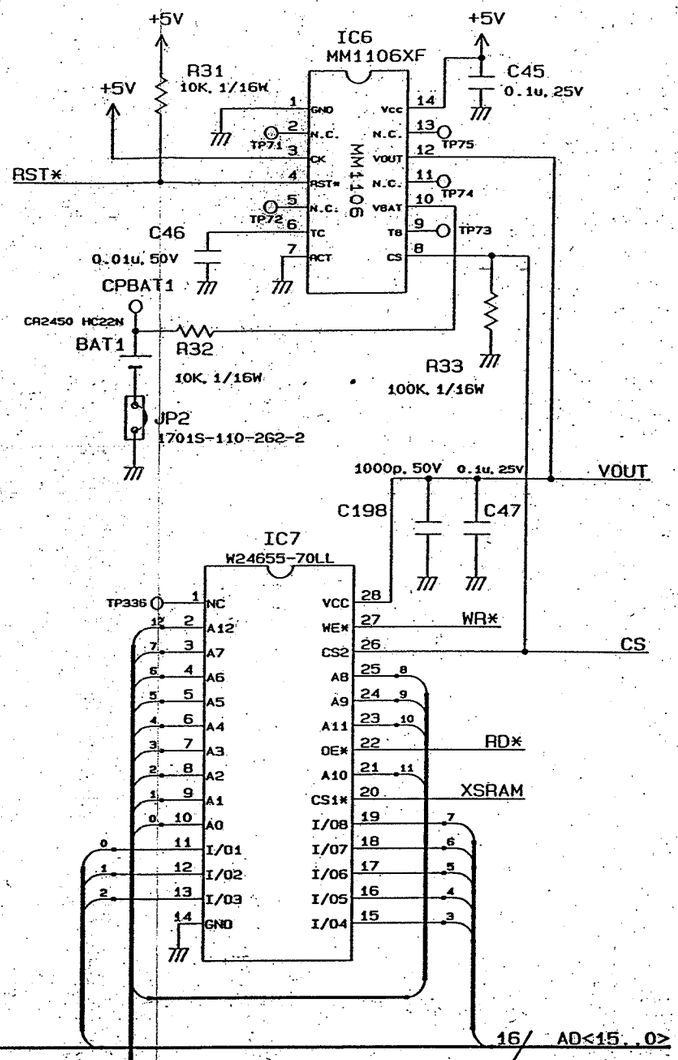
MODEL NAME	PART No.	REV.
FAX-B155	HG1-4357	01

IC5

PINE (1/2)

UPD65802GD-202-LML
1/2





NO.	REMARK

DRAWING NAME: SCNT BOARD ASS'Y (FRN)

DRAWING No.: HG1-4357-A604

MODEL NAME	PART No.	REV.
FAX-B155	HG1-4357	01

IC9
MC34119D
C51 4.7u, 35V
C52 1u, 50V
C53 0.1u, 25V
SPSTP
+5V
FB1 BK1608LM252
FB2 BK1608LM252
J4 TO SPK
R80 82K, 1/16W
R79 10K, 1/16W

IC11 4066
R43 10K, 1/16W
R42 33K, 1/16W
R41 82K, 1/16W
R40 180K, 1/16W
R156 390K, 1/16W
SPVOL1
SPVOL2
SPVOL3
SPVOL4

SPSEL1
IC10 HC4053
R44 0, 1A
C54 0.1u, 25V
LINOT
R46 10K, 1/16W
C55 0.1u, 25V
R47 1K, 1/16W
C56 0.01u, 50V
ALMVOL1
R49 3.9K, 1/16W
R48 22K, 1/16W
TON1

IC10 HC4053
C85 0.1u, 25V
C208 1000p, 50V
FB25 BLM11A601S
+5V
IC11 4066
C57 0.1u, 25V
C209 1000p, 50V

IC10 HC4053
C156 1000p, 50V
R155 680, 1/16W
D8

J3 [PANEL]

C151 100p, 50V
C152 100p, 50V
C153 100p, 50V
C154 100p, 50V
C155 100p, 50V
C64 0.1u, 25V
C199 1000p, 50V
+5U

R50 WE* 390, 1/16W
R51 OE* 390, 1/16W
R52 CASH* 390, 1/16W
R53 CASL* 390, 1/16W
R54 RAS* 390, 1/16W

HOOK*
OUT
PRD
SRD
RKEY
IPSEL
DC
NORG
C1
C2
AST
CIST1
CIST2
NZ
SPVOL1
SPVOL2
SPVOL3
SPSTP
SPSEL1
ALMVOL1
SPVOL4

FBA3 BK32164M102
FBA2 BK32164M102
FBA1 BK32164M102

IC5
PINE (2/2)
UPD65802GD-202-LML
2/2

C212 C213 C211 C158 C157 C168 C167 C166 C165
C159 C160 C161 C162 C163 C164

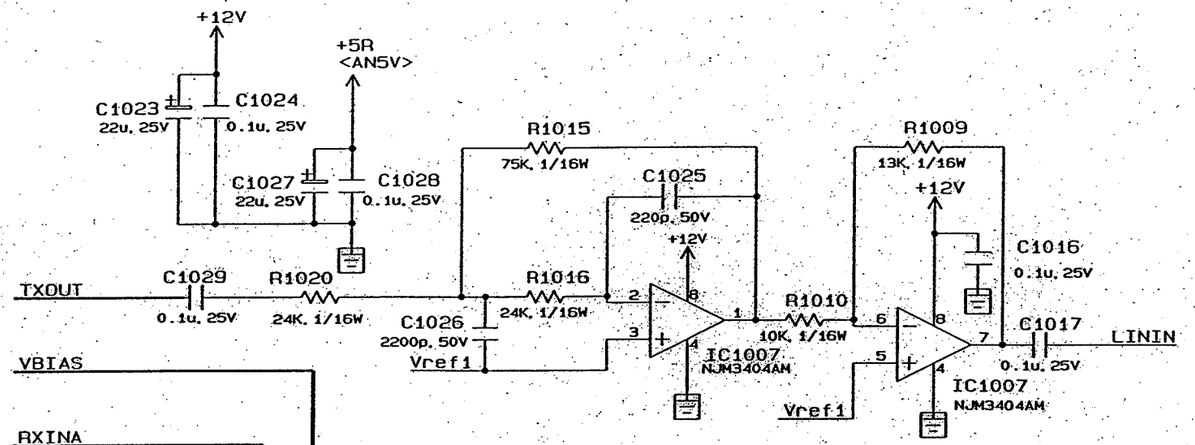
C58 0.1u, 25V
C202 1000p, 50V
C201 1000p, 50V
C59 0.1u, 25V
C60 0.01u, 50V
C61 0.01u, 50V
C62 0.1u, 25V
C203 1000p, 50V
C204 1000p, 50V
C63 0.1u, 25V
R70 10K, 1/16W
R71 33K, 1/16W
R72 10K, 1/16W
R73 1K, 1/16W
R74 10K, 1/16W
R75 1K, 1/16W
R76 33K, 1/16W
R77 1M, 1/16W
R78 0, 1A
VRB
VRA

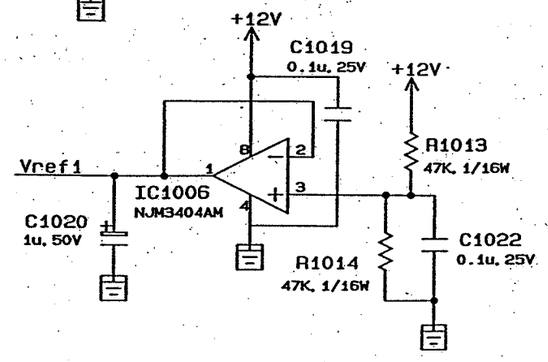
IC8 UPD424260LE-70
CST22.11MXW040 X4

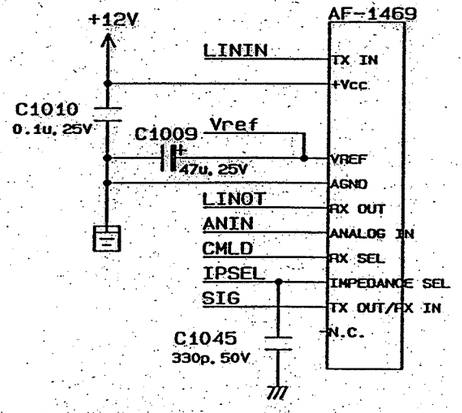
NO.	REMARK

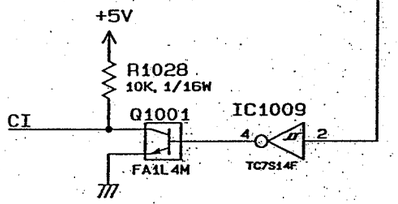
DRAWING NAME: SCNT BOARD ASS'Y (HRN)
DRAWING No.: HG1-4357-A605

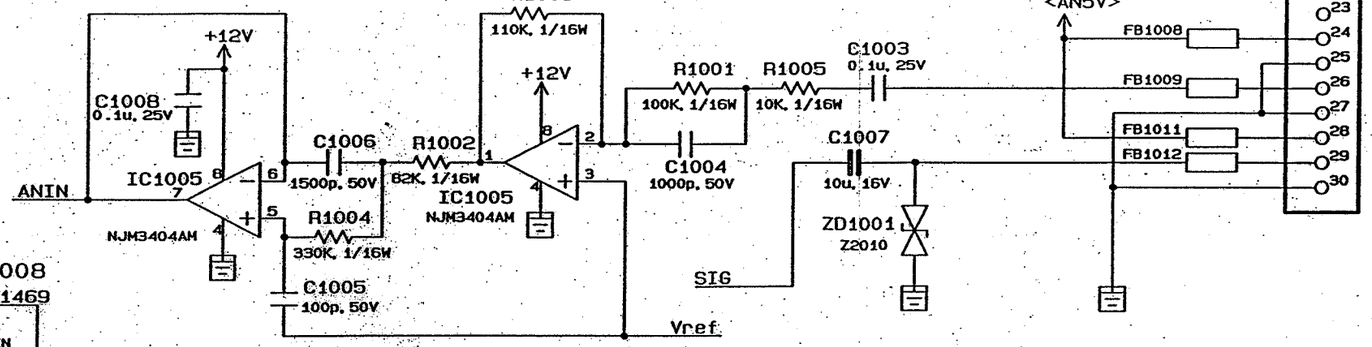
MODEL NAME	PART No.	REV.
FAX-B155	HG1-4357	01

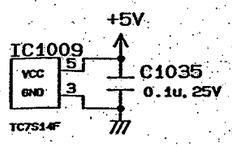


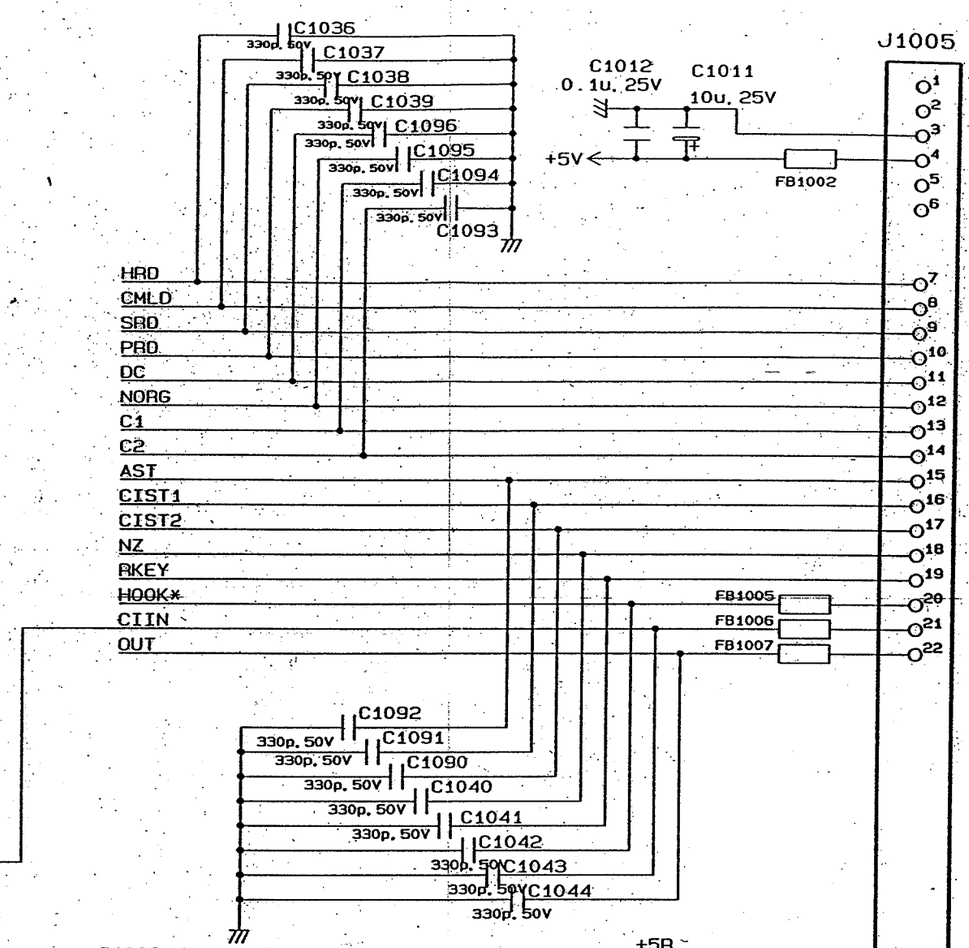






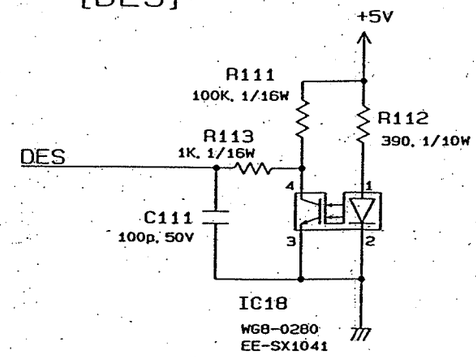




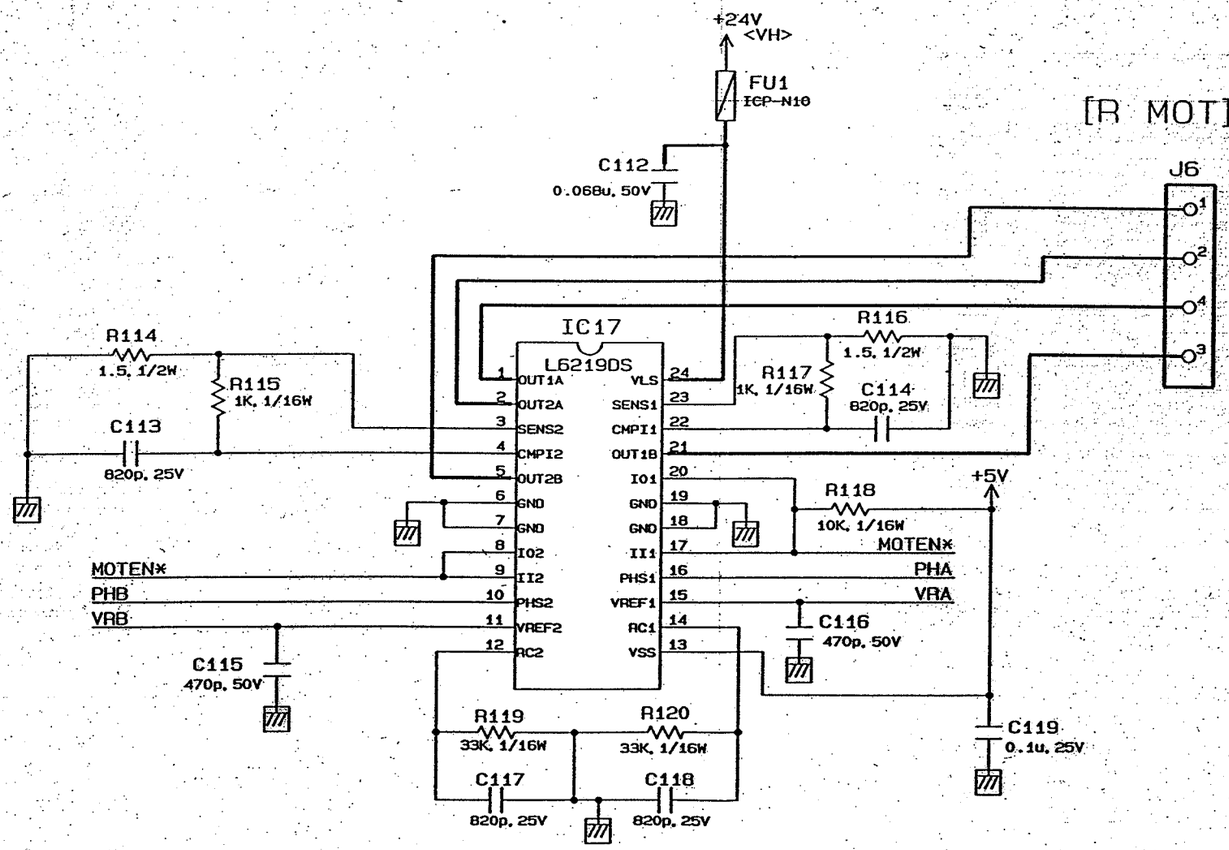


NO.	REMARK	DRAWING NAME		
		SCNT BOARD ASS'Y (FRN)		
		DRAWING No.		
		HG1-4357-A606		
		MODEL NAME	PART No.	REV.
		FAX-B155	HG1-4357	01

[DES]



[R MOT]



NO.	REMARK

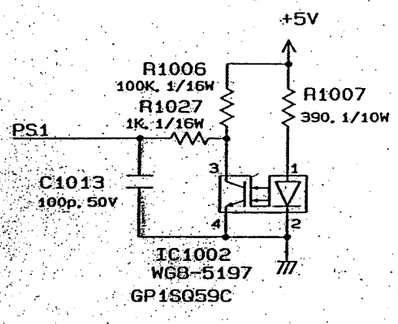
DRAWING NAME	SCNT BOARD ASS'Y (TRN)
DRAWING No.	HG1-4357-A607

MODEL NAME	PART No.	REV.
FAX-B155	HG1-4357	01

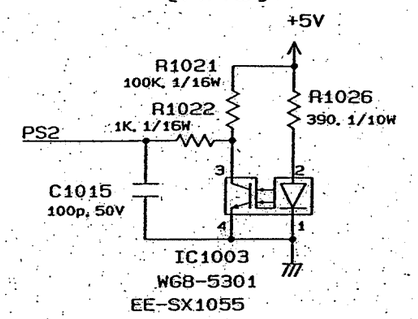
[HEAD]
J7
2SB1443Q
X8
+24U
<VHA>
Q3 FMG8A
Q4 FMG8A
Q5 FMG8A
Q6 FMG8A
R121 150, 1/10W
R122 510, 1/4W
R123 150, 1/10W
R124 510, 1/4W
R125 150, 1/10W
R126 510, 1/4W
R127 150, 1/10W
R128 510, 1/4W
R129 150, 1/10W
R130 510, 1/4W
R131 150, 1/10W
R132 510, 1/4W
R133 150, 1/10W
R134 510, 1/4W
R135 150, 1/10W
R136 510, 1/4W
Q7
Q8
Q9
Q10
Q11
Q12
Q13
Q14
COM<7..0>
COM1
COM2
COM3
COM4
COM5
COM6
COM7
COM8
HCOM1
HCOM2
HCOM3
HCOM4
HCOM5
HCOM6
HCOM7
HCOM8
SEG<7..0>
IC19
ULN2803A D1p-18p
SEG1
SEG2
SEG3
SEG4
SEG5
SEG6
SEG7
SEG8
C134 ###
HSEG8
HSEG7
HSEG6
HSEG5
HSEG4
HSEG3
HSEG2
HSEG1
ET1
HRANK
VH-G
R137 10K, 1/16W
R138 10K, 1/16W
+5V
ZD4 RD6.2MB2
C121 0.01u, 50V
R139 20K, 1/16W
R140 8.6K, 1/16W
R141 2.7K, 1/16W
D1 D1FS4
R142 5.6K, 1/4W
Q15 2SB1443Q
Q16 FA1L4M
C122 ###
C123 1000u, 35V
HEAT
MHDO
MHDI
HPS
R143 10K, 1/16W
R144 100, 1/16W
DA2 DAN217
R145 390, 1/10W
R146 39K, 1/16W
R147 10K, 1/16W
ZD5 RD6.2MB2
C124 100p, 50V
C125 1000p, 50V
R149 560, 1/10W
Q17 DTC114EK
INKLON
+24R
<VM>
FU2 ICP-N38 1.5A
[CR MOT]
175487-4
J8
A
A*
B*
B
IC21 MTD2003F
+5V
R150 0.51, 1/2W
R151 0.51, 1/2W
C130 0.1u, 25V
R152 470, 1/10W
ZD7 RD3.3MB1
ZD8 RD2.4MB
Q18
CHSMI
FA1L4M
R153 22K, 1/16W
C131 2200p, 50V
*IC21-29pin, 30pin are heat sink, and connect to VH-G.
CRA
CRA*
CRB
CRB*
ISA
ISB
6/ CR<5..0>
CPINK1 ###
R148 100, 1/16W
INKS
ZD6 RD6.2MB2
R154 4.3K, 1/16W
C126 4.7u, 35V

NO.	REMARK	DRAWING NAME	
		SCNT BOARD ASS'Y (FRN)	
		DRAWING No.	
		HG1-4357-A608	
		MODEL NAME	PART No. / REV.
		FAX-B155	HG1-4357 / 01

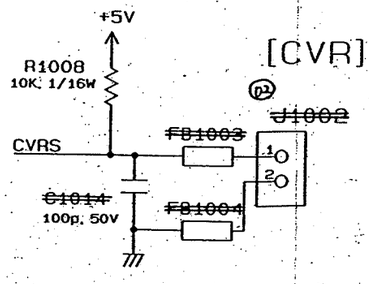
[PES]

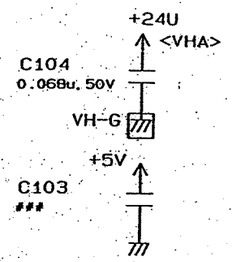


[RRS]

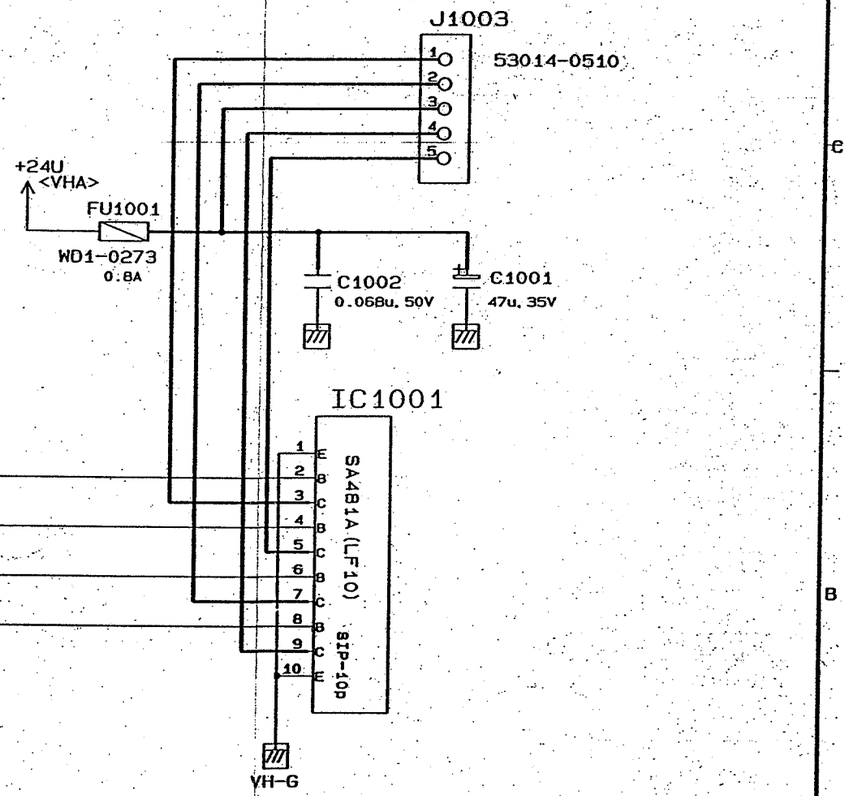


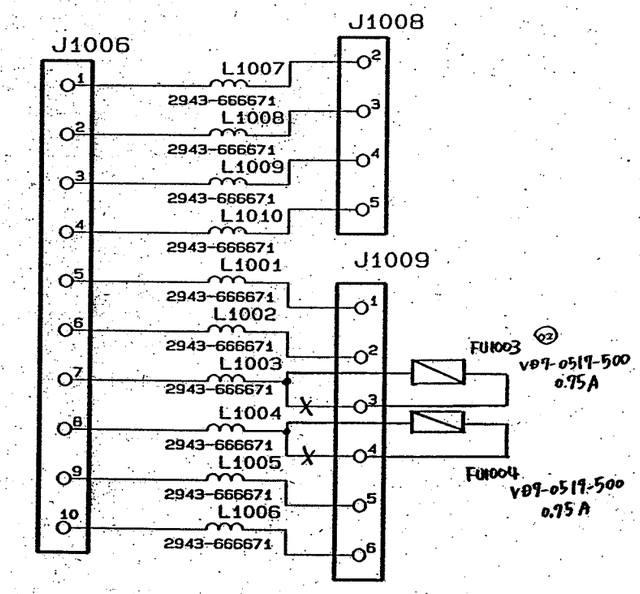
[CVR]

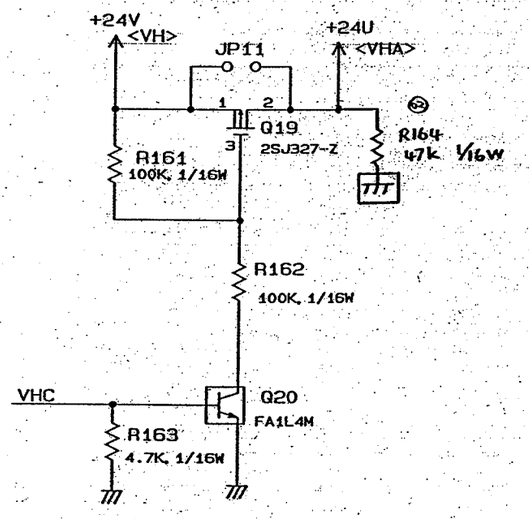


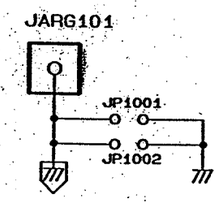


[LF MOT]









NO.	REMARK

DRAWING NAME: SCNT BOARD ASS'Y (FRN)

DRAWING No.: HG1-4357-A609

MODEL NAME	PART No.	REV.
FAX-B155	HG1-4357	02

IC1

FAX ENGINE (1/2)

T7D55-214
1/2

CR<5..0>

CHSMI
INKLON
RW*
TP401
TP402
AIN0
INKS
MHDI
HRANK

+24R <VM>
IC2 HA178M12
+12V
AGND

J1 [PSU]
+24R <VM>
+24V <VH>
JP3
CPDG1
+5V

+5R <AN5V>

N2012Z121T03 L1
N2012Z121T03 L2

VH-G
AGND
DGND

CP** CHECK PIN
TP** CHECK PAD

NO.	REMARK

DRAWINGNAME: SCNT BOARD ASS'Y (AE, TWN)

DRAWINGNo.: HG1-4358-A702

MODELNAME	PARTNo.	REV.
FAX-B155	HG1-4358	01

** on catalog

93/11/4

IC1

FAX ENGINE (2/2)

T7055-214
2/2

CSA16.00MXZ048

R28 390, 1/16W DPDMOT
R29 390, 1/16W DPDMCK
R15 0, 1A MUTE
R16 0, 1A APDMCK
APDMOT

R14 330, 1/16W
R13 1M, 1/16W
X3 AT-51 41.472MHZ
C39 1000p, 50V
L3 LK21251R5K
C31 15p, 50V
C40 5.0p, 50V

C141 27p, 50V
C142 27p, 50V
C143 ###
C144 ###
C32 0.1u, 25V
C205 1000p, 50V
C3 C4 C5

INTM
PSWE* PSOE* PSA13

TP37 TP409 TP404 TP405 TP34 TP403 TP407 TP406

PS1 PS2 DS DES PRST* VHC CMLD HRD

ALE

C33 0.1u, 25V
C187 1000p, 50V
C34 100p, 50V
C145 15p, 50V
R22 330, 1/16W
C189 1000p, 50V
C188 0.1u, 25V
C190 1000p, 50V
C35 0.1u, 25V
R21 3.3K, 1/16W

+5V

13

7

IC3
CY7C199-20VC

C192 1000p, 50V
C37 0.1u, 25V
PSWE*
PSOE*
PSA13
R27 10K, 1/16W

R26 10K, 1/16W
JP1 ###

C191 1000p, 50V
C36 0.1u, 25V
R23 270, 1/16W HWA*
R24 270, 1/16W WA*
R25 270, 1/16W RD*
C146 ###
C147 ###
C148 ###

XHWA XWA XRD

24 A<23..0>

IC4
DILB42P-8J
LH538BXX/HH4-3325
8M-ROM
(Con+CG)

JP8
C206 ###
C207 ###
C193 1000p, 50V
C38 0.1u, 25V

CS0* RD*

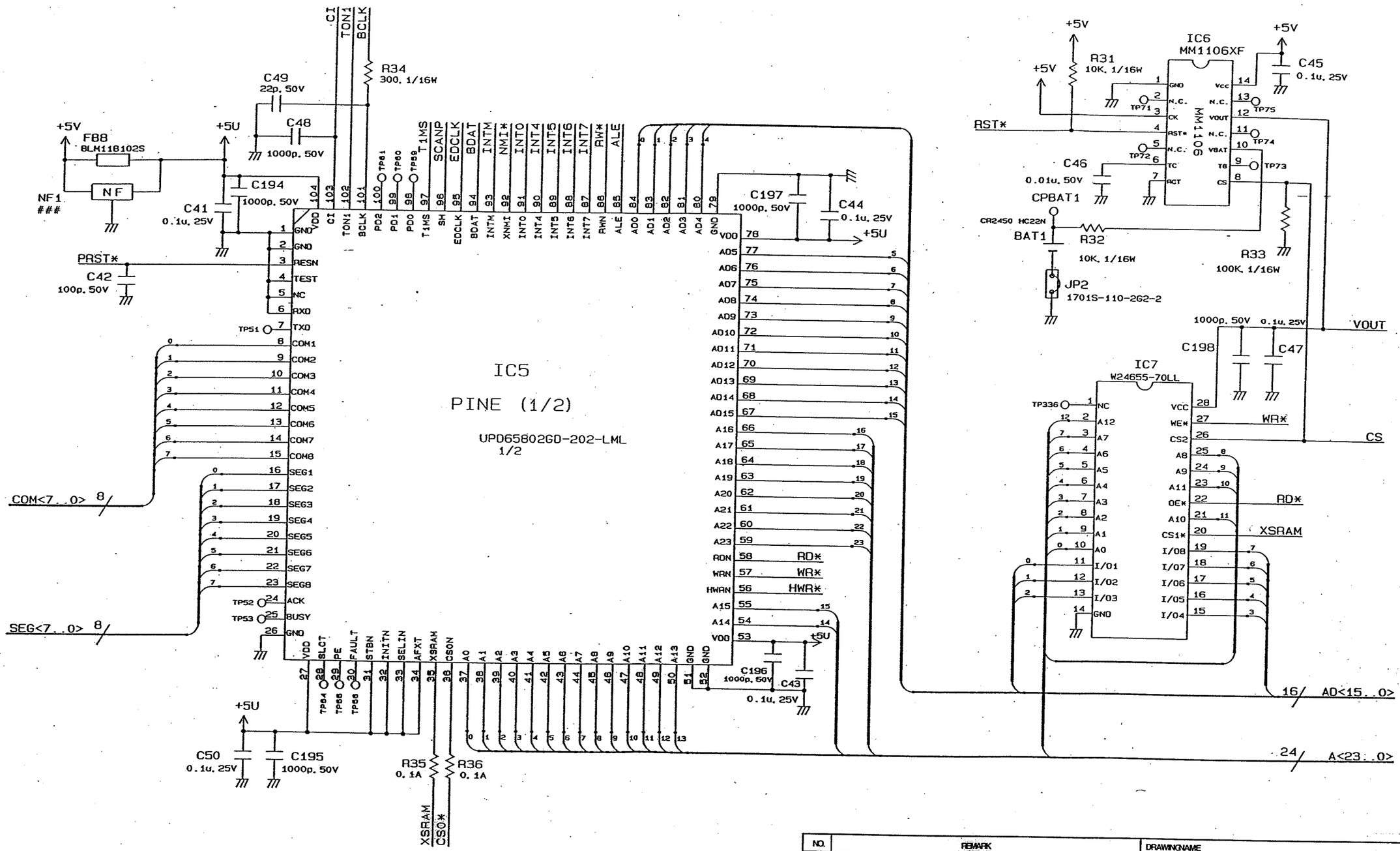
16 AD<15..0>

NO.	REMARK

DRAWINGNAME: SCNT BOARD ASS'Y (AE, TwN)
DRAWINGNo.: HG1-4358-A703

MODELNAME	PARTNo.	REV.
FAX-B155	HG1-4358	01

94/114



NO.	REMARK

DRAWINGNAME	SCNT BOARD ASS'Y (AE, TWN)
DRAWINGNo.	HG1-4358-A704

MODELNAME	PARTNo.	REV.
FAX-B155	HG1-4358	01

IC5
PINE (2/2)
UPD65802GD-202-LML
2/2

IC9 MC34119D
C51 4.7u, 35V
C52 1u, 50V
C53 0.1u, 25V
FB1 BK1608LM252
FB2 BK1608LM252
J4 TO SPK
R80 82K, 1/16W
R79 10K, 1/16W
SPSTP
+5V

R43 10K, 1/16W
R42 33K, 1/16W
R41 82K, 1/16W
R40 180K, 1/16W
R156 390K, 1/16W
IC11 4066
SPVOL1
SPVOL2
SPVOL3
SPVOL4

SPSEL1
IC10 HC4053
R44 0.1A
C54 0.1u, 25V
LINOT
R46 10K, 1/16W
C55 0.1u, 25V
R47 1K, 1/16W
C56 0.01u, 50V
R49 3.9K, 1/16W
R48 22K, 1/16W
ALMVOL1
TON1

C85 0.1u, 25V
C208 1000p, 50V
FB25 BLM11A601S
C57 0.1u, 25V
C209 1000p, 50V

C151 100p, 50V
C152 100p, 50V
C153 100p, 50V
C154 100p, 50V
C155 100p, 50V
C64 0.1u, 25V
C199 1000p, 50V
C65 0.1u, 25V
C200 1000p, 50V

R50 WE* 390, 1/16W
R51 OE* 390, 1/16W
R52 CASH* 390, 1/16W
R53 CASL* 390, 1/16W
R54 RAS* 390, 1/16W

HOOK* OUT PRD SRD
RKEY IPSEL DC NORG C1 C2 AST CIST1 CIST2 NZ
SPVOL1 SPVOL2 SPVOL3 SPSTP SPSEL1 ALMVOL1 SPVOL4
FBA3 BK32164M102
FBA2 BK32164M102
FBA1 BK32164M102

C213 C212 C211 C158 C157 C168 C167 C166 C165 100p, 50V
C159 C160 C161 C162 C163 C164 100p, 50V
R155 DS 680, 1/16W
R55 R56 R57 R58 R59 R60 R61 R62 R63 R64 R65 R66 R67 R68 R69 680, 1/16W
R70 10K, 1/16W
C156 1000p, 50V
J3 [PANEL]

C58 0.1u, 25V
C202 1000p, 50V
C201 1000p, 50V
C59 0.1u, 25V
+5U

IC8 UPD424260LE-70
C62 0.1u, 25V
C203 1000p, 50V
C204 1000p, 50V
C63 0.1u, 25V
TP324 TP325 WE* RAS* TP326
TP327 CASL* CASH* OE*

R77 1M, 1/16W
R78 0, 1A
X4 CST22.11MXW040

R71 33K, 1/16W
R72 10K, 1/16W
R73 1K, 1/16W
C60 0.01u, 50V
VRB
R74 1K, 1/16W
R75 10K, 1/16W
C61 0.01u, 50V
R76 33K, 1/16W
VRA

NO.	REMARK

DRAWINGNAME: SCNT BOARD ASS'Y (AE, TwN)
DRAWINGNo.: HG1-4358-A705

MODELNAME	PARTNo.	REV.
FAX-B155	HG1-4358	01

+12V
+5R <AN5V>
C1023 22u. 25V
C1024 0.1u. 25V
C1027 22u. 25V
C1028 0.1u. 25V
R1015 75K. 1/16W
C1025 220p. 50V
R1009 13K. 1/16W
C1016 0.1u. 25V
TXOUT
C1029 0.1u. 25V
R1020 24K. 1/16W
R1016 24K. 1/16W
C1026 2200p. 50V
Vref1
IC1007 NJM3404AM
R1010 10K. 1/16W
C1017 0.1u. 25V
LININ
VBIAS
RXINA
C1032 10u. 25V
C1033 0.1u. 25V
C1031 220p. 50V
R1019 100K. 1/16W
R1012 82K. 1/16W
C1021 180p. 50V
C1030 0.1u. 25V
R1017 1K. 1/16W
IC1006 NJM3404AM
R1011 22K. 1/16W
C1018 0.1u. 25V
LINOT
R1018 330. 1/16W
Vref1
+5V
R1028 10K. 1/16W
CI
Q1001 FA1L4M
IC1009 TC7S14F
TXOUT
VBIAS
RXINA
+5R <AN5V>
C101 0.1u. 25V
IC12 TC35133F
VDD RXINB
VBIASRXINA
TXOUT VSS2
VSS1 C5
MUTE C4
DPDMCK C3
DPDMDT DPDM&PDMDT
/PD APDMCK
MUTE
DPDMCK
DPDMDT
C5
C4
C3
APDMDT
APDMCK
+5R <AN5V>
DA1 DAN217
+12V
C1019 0.1u. 25V
Vref1
IC1006 NJM3404AM
C1020 1u. 50V
R1013 47K. 1/16W
R1014 47K. 1/16W
C1022 0.1u. 25V
IC1008 AF-1469
LININ
TX IN
+Vcc
C1010 0.1u. 25V
C1009 47u. 25V
Vref
VREF
AGND
LINOT
RX OUT
ANIN
ANALOG IN
CMLO
RX SEL
IPSEL
IMPEDANCE SEL
SIG
TX OUT/RX IN
N.C.
C1045 330p. 50V
+5V
IC1009 TC7S14F
VCC
GND
C1035 0.1u. 25V
C1036 330p. 50V
C1037 330p. 50V
C1038 330p. 50V
C1039 330p. 50V
C1096 330p. 50V
C1095 330p. 50V
C1094 330p. 50V
C1093 330p. 50V
C1012 0.1u. 25V
C1011 10u. 25V
+5V
FB1002
J1005
HRO
CMLO
SRO
PRO
DC
NORG
C1
C2
AST
CIST1
CIST2
NZ
RKEY
HOOK*
CIIN
OUT
FB1005
FB1006
FB1007
C1092 330p. 50V
C1091 330p. 50V
C1090 330p. 50V
C1040 330p. 50V
C1041 330p. 50V
C1042 330p. 50V
C1043 330p. 50V
C1044 330p. 50V
R1003 110K. 1/16W
+12V
C1008 0.1u. 25V
ANIN
IC1005 NJM3404AM
C1006 1500p. 50V
R1004 330K. 1/16W
C1005 100p. 50V
R1002 82K. 1/16W
IC1005 NJM3404AM
R1001 100K. 1/16W
C1004 1000p. 50V
R1005 10K. 1/16W
C1003 0.1u. 25V
C1007 10u. 16V
ZD1001 Z2010
SIG
Vref
+5R <AN5V>
FB1008
FB1009
FB1011
FB1012

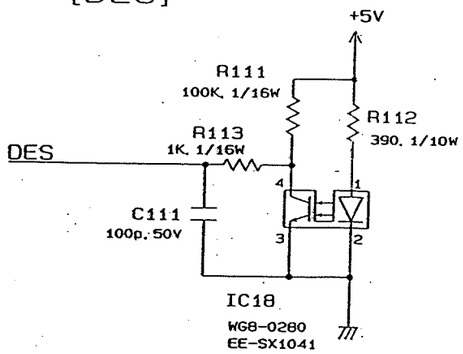
NO.	REMARK

DRAWINGNAME: SCNT BOARD ASS'Y (AE, TWN)
DRAWINGNo.: HG1-4358-A706

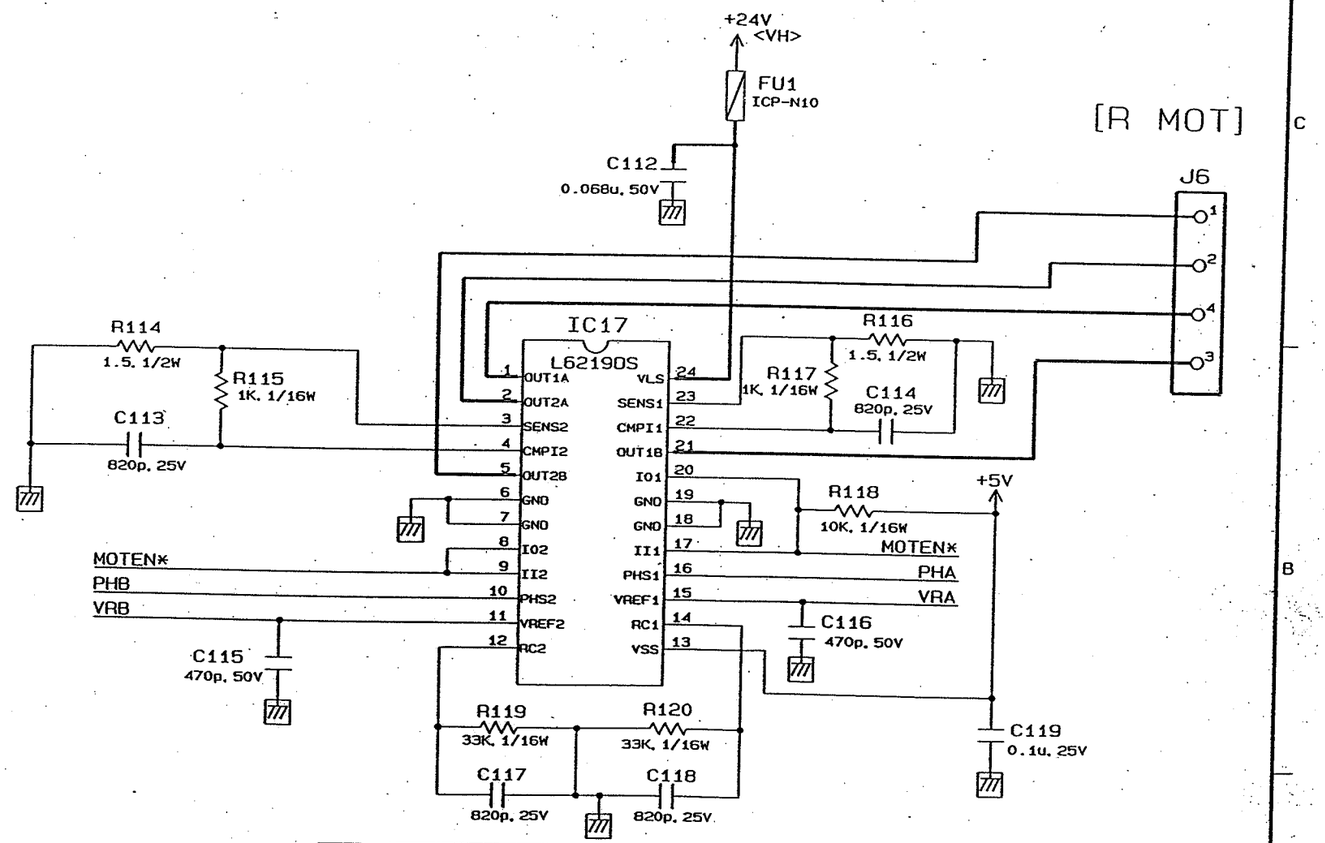
MODELNAME	PARTNo.	REV.
FAX-B155	HG1-4358	01

97/11/4

[DES]



[R MOT]



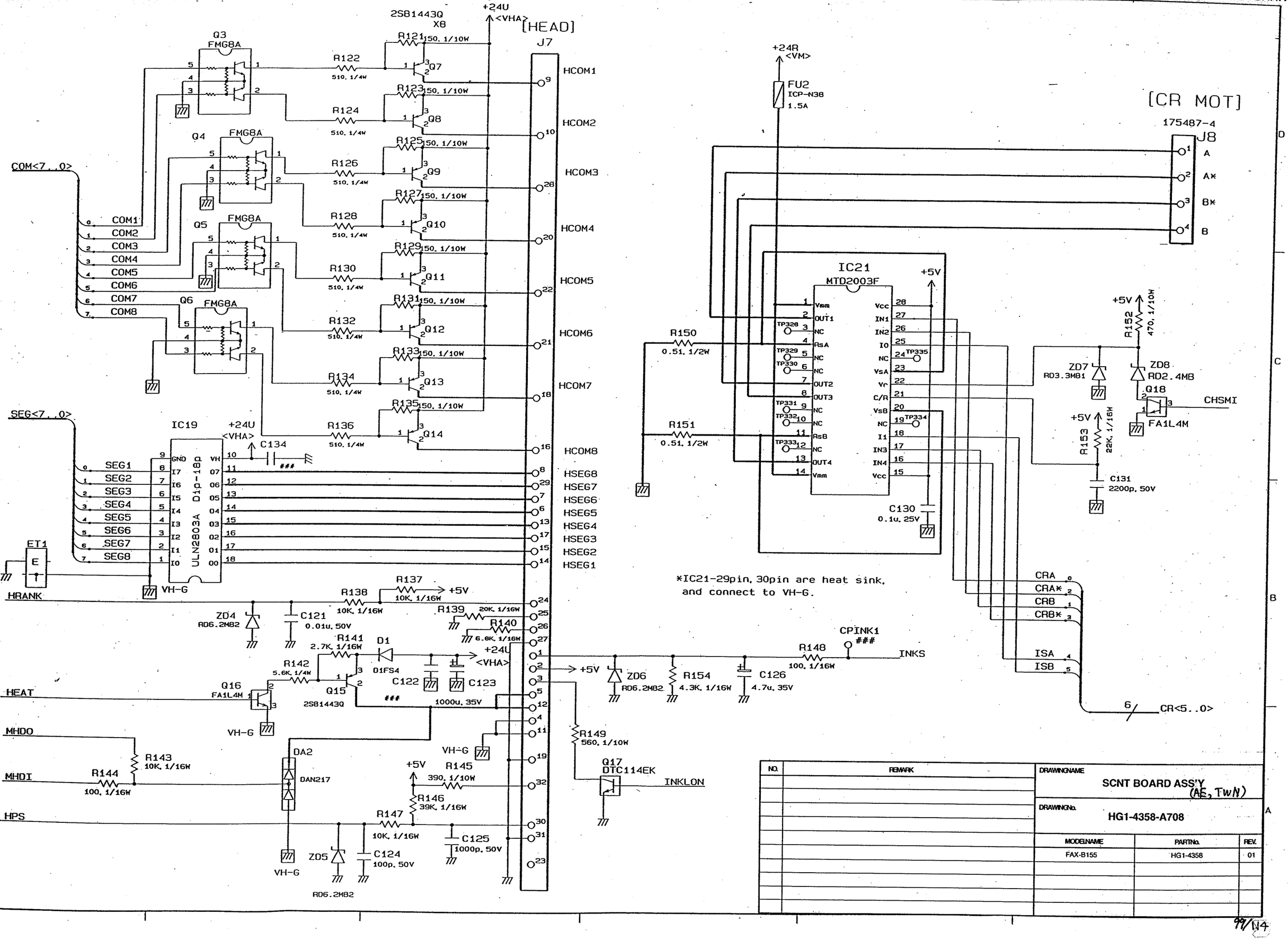
NO.	REMARK

DRAWINGNAME: SCNT BOARD ASS'Y (AE, TwN)

DRAWINGNo.: HG1-4358-A707

MODELNAME	PARTNo.	REV.
FAX-B155	HG1-4358	01

98/1/14



NO.	REMARK

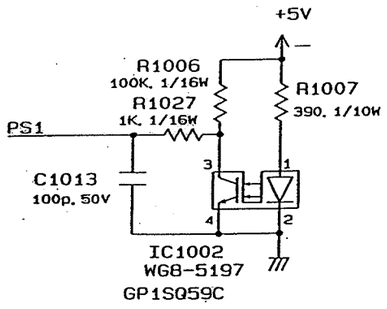
DRAWINGNAME: SCNT BOARD ASS'Y (AE, TwN)

DRAWINGNo.: HG1-4358-A708

MODELNAME	PARTNo.	REV.
FAX-B155	HG1-4358	01

99/N4

[PES]



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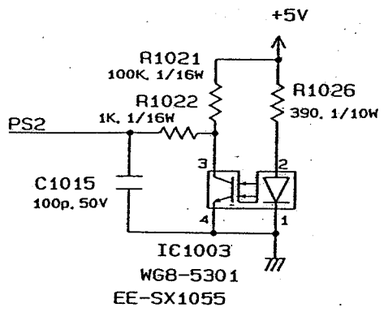

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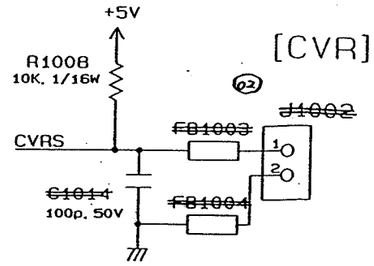

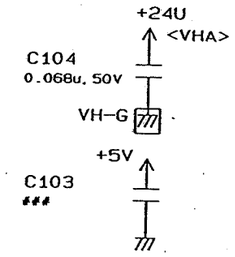

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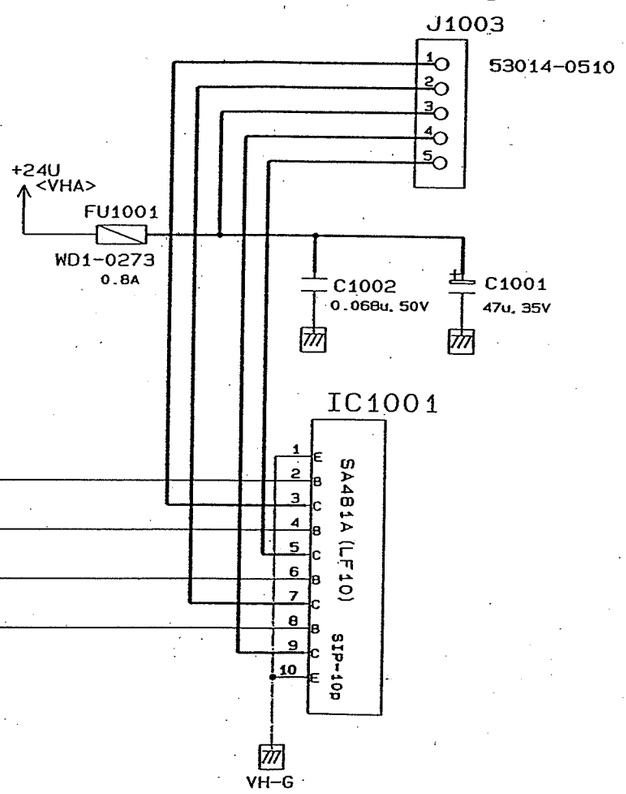
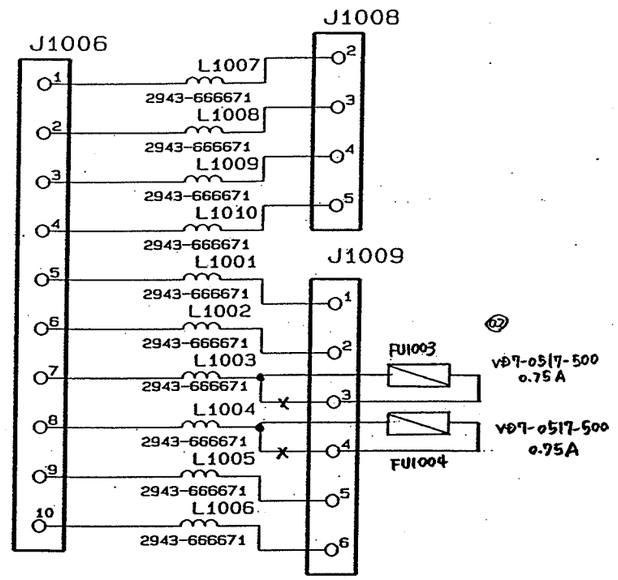
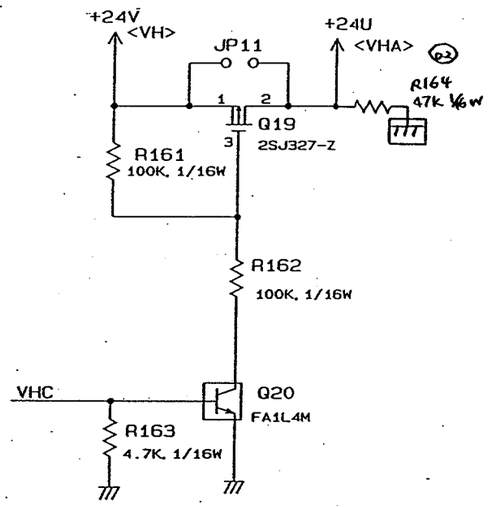
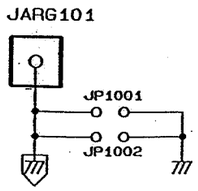








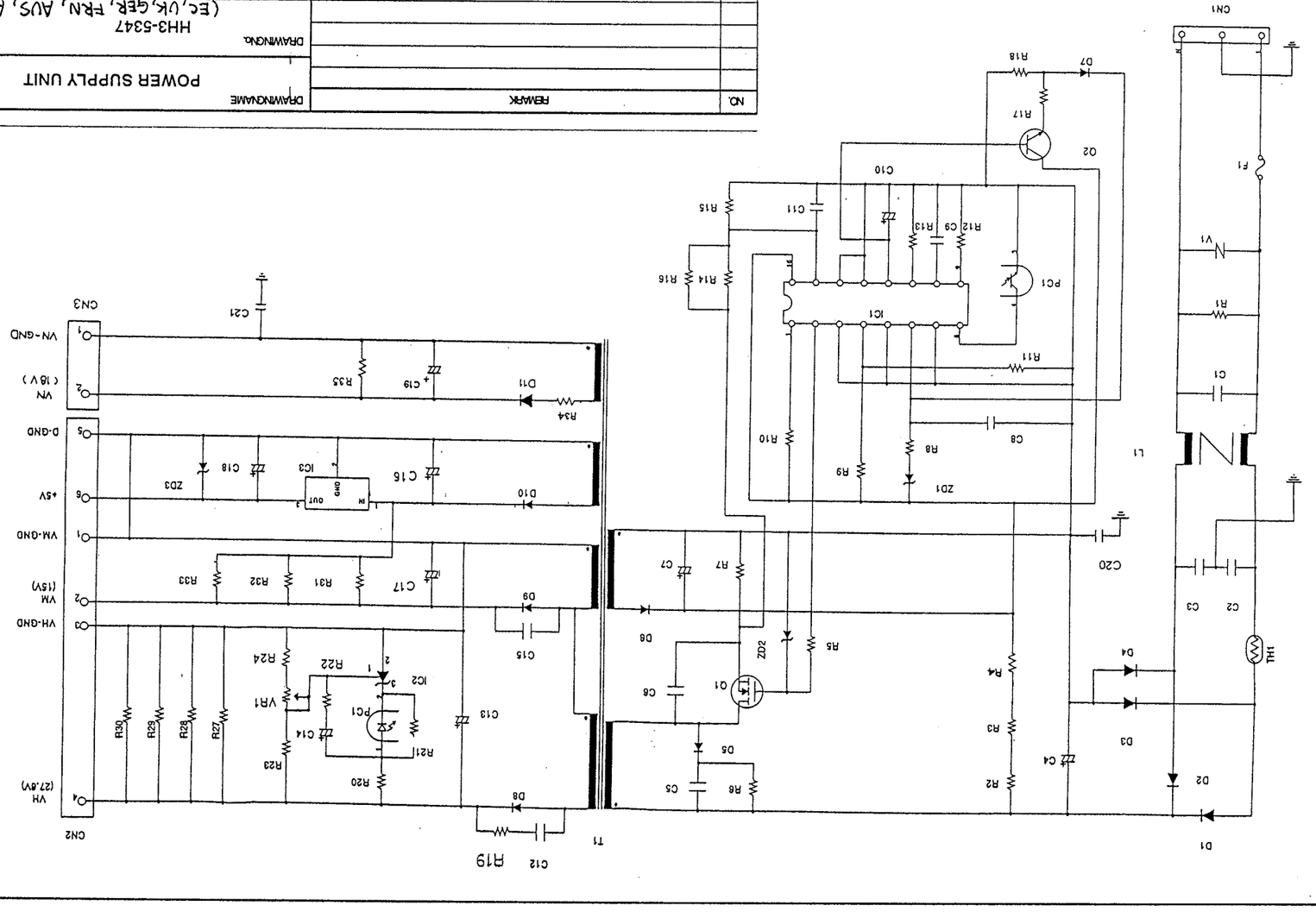
NO.	REMARK

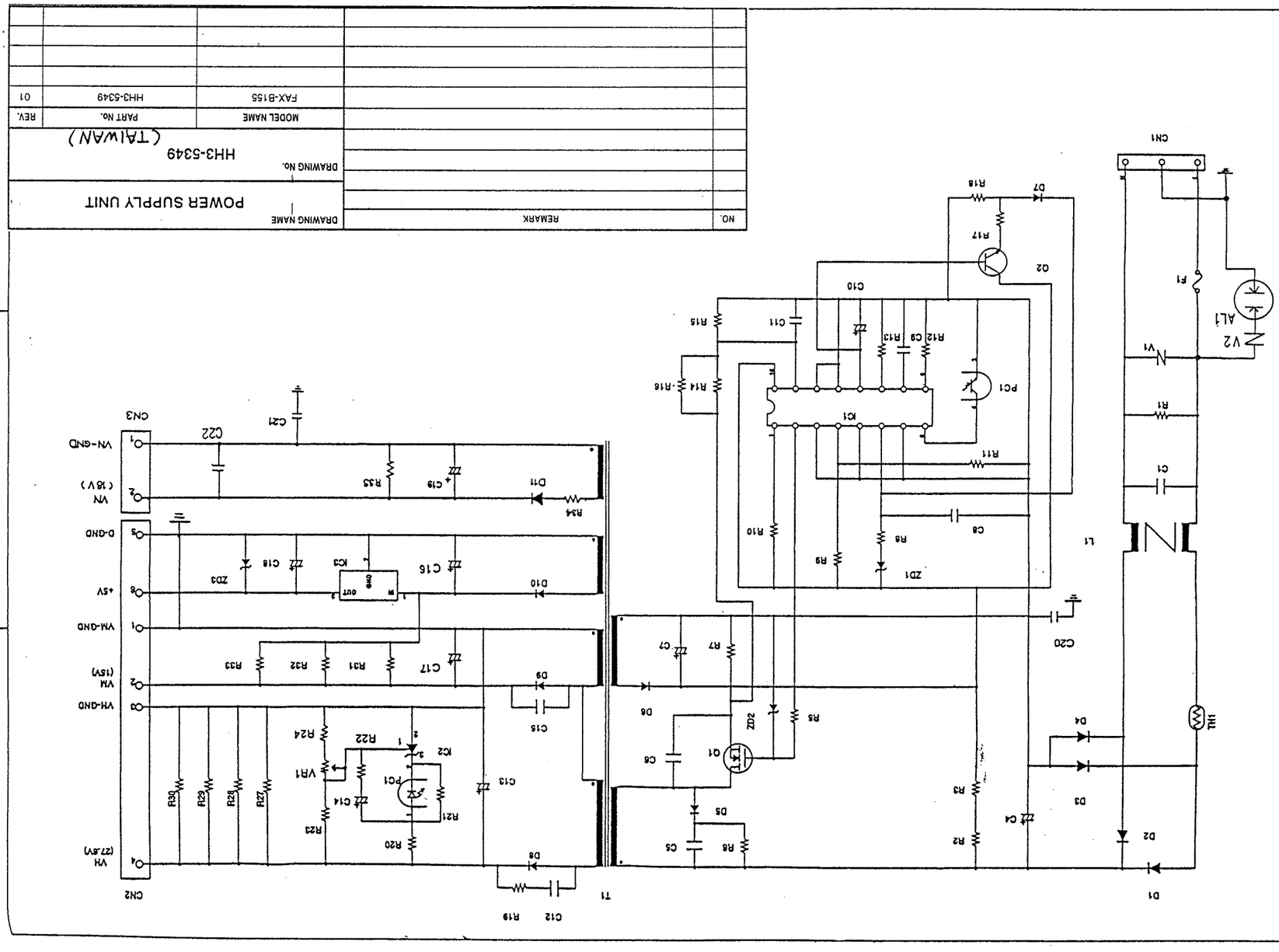
DRAWINGNAME: SCNT BOARD ASS'Y (AE, TWN)

DRAWINGNo.: HG1-4358-A709

MODELNAME	PARTNo.	REV.
FAX-B155	HG1-4358	02

NO.	REMARK	DRAWINGNAME
		POWER SUPPLY UNIT
		DRAWINGNo. HH3-5347 (EC, UK, GER, FRN, AUS, AE)
		MODELNAME FAX-B155
		PARTNo. HH3-5347
		REV. 01



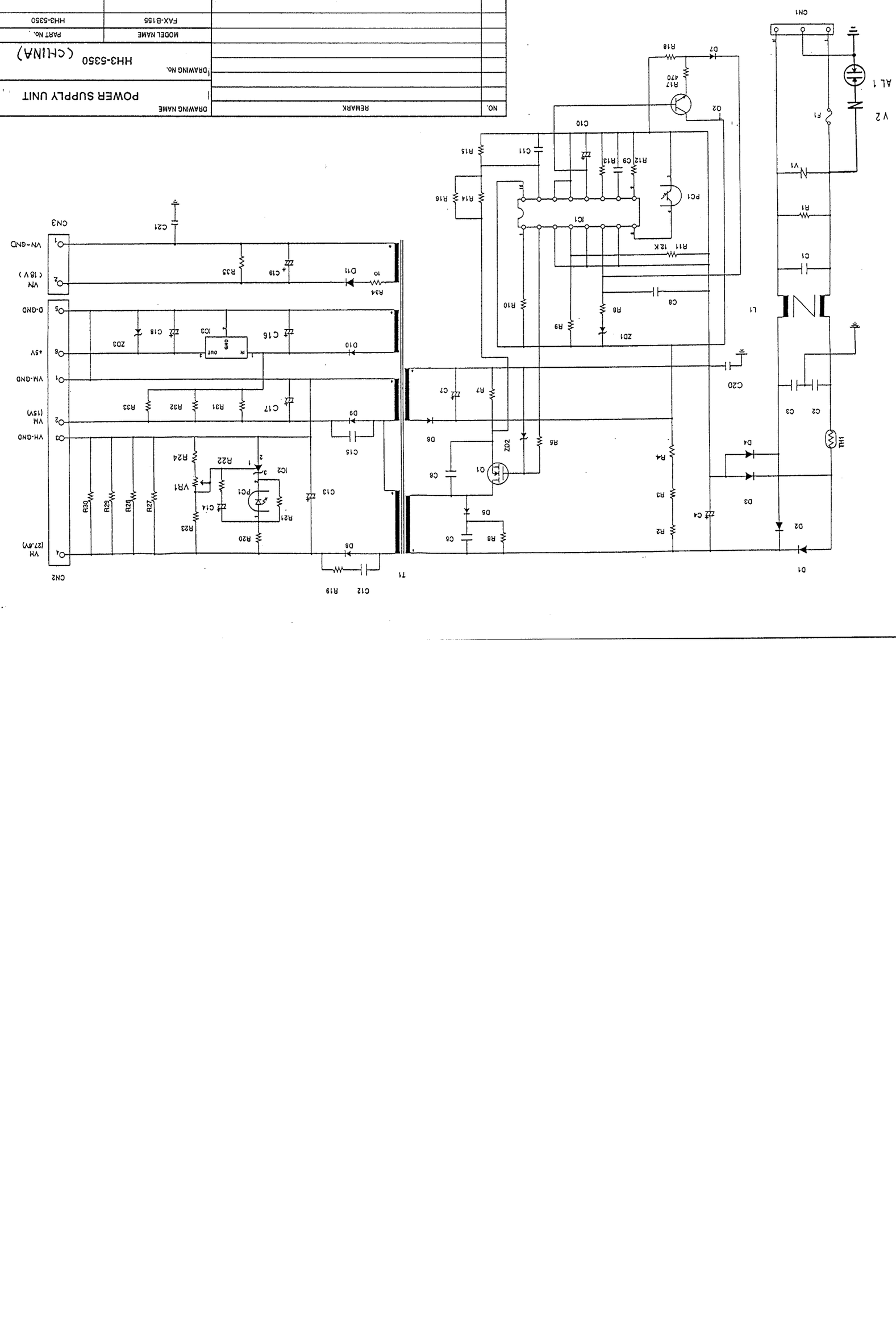


NO.	REMARK	DRAWING NAME	POWER SUPPLY UNIT	
			DRAWING No. HH3-5349 (TAIWAN)	
		MODEL NAME	PART No.	REV.
		FAX-B155	HH3-5349	01

NO.	REMARK		

DRAWING NAME	DRAWING No.
POWER SUPPLY UNIT	HH3-5350 (CHINA)

MODEL NAME	PART No.	REV.
FAX-B155	HH3-5350	01



配置 LOC. NO.	部番 PART NO.
T 1	PTTP113
L 1	TLF14CB 273 0R4
L 1	ELF15N004A
L 1	HF2022-253 0R4-01
IC 1	M51995AP
IC 2	UPC1093J
IC 3	UPC7805AHF
IC 3	NJM7805FA
Q 1	FS3KM-18A
Q 2	2SC1740S
Q 2	2SC945
D 1	ERA15-06
D 1	RL1N4004
D 2	ERA15-06
D 2	RL1N4004
D 3	ERA15-06
D 3	RL1N4004
D 4	ERA15-06
D 4	RL1N4004
D 5	ERA22-06
D 6	ERA18-02
D 7	1S2076A

配置 LOC. NO.	部番 PART NO.
D 7	1SS133
D 8	S3L20U
D 9	ERB32-02
D 10	ERB84-009
D 11	ERA18-02
ZD 1	RD30ESAB
ZD 1	MTZJ 30
ZD 2	RD30ESAB
ZD 2	MTZJ 30
ZD 3	RD6.8ESAB
ZD 3	MTZJ 6.8
V 1	ERZV10D471
V 1	ENE471-10A
PC 1	PC123
VR 1	EVN DJA A03 BY2(331)
R 1	1/2W 470kΩ
R 2	1/2W 68kΩ
R 3	1/2W 68kΩ
R 4	1/2W 68kΩ
R 5	1/4W 22Ω
R 6	1/2W 82kΩ
R 7	1/2W 0.22Ω

No.	REMARKS

DRAWING NAME
POWER SUPPLY PARTS RATING LIST

DRAWING No. (EC, UK, GER, FRN, AUS, AE)
HH3-5347

MODEL NAME	PART No.	REV.
FAX-B155	HH3-5347	01

配置 LOC. NO.	部番 PART NO.
R 8	1/4W 470Ω
R 9	1/4W 50kΩ～150kΩ
R 10	1/4W 330Ω
R 11	1/4W 12kΩ
R 12	1/4W 22kΩ
R 13	1/4W 15kΩ
R 14	1/4W 56Ω
R 15	1/4W 100Ω
R 16	1/4W 100Ω～1kΩ
R 17	1/4W 470Ω
R 18	1/4W 10kΩ
R 19	1W 2.2Ω
R 20	1/4W 4.7kΩ
R 21	1/4W 2.2kΩ
R 22	1/4W 68kΩ
R 23	1/4W 15kΩ
R 24	1/4W 1.3kΩ
R 25	(欠番) A MISSING NUMBER
R 26	(欠番) A MISSING NUMBER
R 27	1/2W 5.6kΩ
R 28	1/2W 5.6kΩ
R 29	1/2W 5.6kΩ

配置 LOC. NO.	部番 PART NO.
R 30	1/2W 5.6kΩ
R 31	1/2W 560Ω
R 32	1/2W 560Ω
R 33	1/2W 560Ω
R 34	1/4W 10Ω
R 35	1/4W 22kΩ
C 1	PA104
C 2	ECKMRS221MBY
C 2	DE0807-B221K-KH
C 3	ECKMRS221MBY
C 3	DE0807-B221K-KH
C 4	KLG400VB39(M)
C 5	250V 0.047μF
C 6	1kV 47pF
C 7	35V 39μF
C 8	50V 0.047μF
C 9	50V 470pF
C 10	25V 10μF
C 11	50V 4700pF
C 12	1kV 1500pF
C 13	35V 560μF
C 14	50V 1μF

No.	REMARKS

DRAWING NAME
POWER SUPPLY PARTS RATING LIST

DRAWING No. (EC,UK,GER,FRN,AUS,AE)
HH3-5347

MODEL NAME	PART No.	REV.
FAX-B155	HH3-5347	01

配置 LOC.NO.	部番 PART NO.
C 15	1kV 220pF
C 16	25V 330μF
C 17	25V 330μF
C 18	16V 47μF
C 19	50V 22μF
C 20	ECKMRS222MEY
C 20	DE1007-B222K-KH
C 21	DE1210-1E222M-KX
C 22	50V 0.1μF
PW 1	MN811-4001 (6/6)
F 1	21502.5
TH 1	KL07L005TB
TH 1	S5R1K10D315J
TH 1	M5R107C
CN 1	AP-300-3-B-7
CN 2	MN810-7501
CN 3	MN811-7501
MT 1	MN810-5003
MT 2	MN810-5001
MT 3	MN810-5002
CD 1	MN810-7502
O 1	SKB-1M

配置 LOC.NO.	部番 PART NO.
P/C 1	MN81 -9001

No.	REMARKS

DRAWING NAME
POWER SUPPLY PARTS RATING LIST

DRAWING No. (EC,UK,GER,FRN,AUS,AE)
HH3-5347

MODEL NAME	PART No.	REV.
FAX-B155	HH3-5347	01

配置 LOC. NO.	部番 PART NO.
T 1	PTTU39
L 1	TLF14CB 103 0R7
L 1	HF2022-103Y0R7-01
L 1	ELF15N007A
IC 1	M51995AP
IC 2	UPC1093J
IC 3	UPC7805AHF
Q 1	FS5KM-10
Q 2	2SC1740S
D 1	ERA15-06
D 2	ERA15-06
D 3	ERA15-06
D 4	ERA15-06
D 5	ERA22-06
D 6	ERA18-02
D 7	1S2076A
D 7	1SS133
D 8	S3L20U
D 9	ERB32-02
D 10	ERB84-009
D 11	ERA18-02
ZD 1	RD27ESAB

配置 LOC. NO.	部番 PART NO.
ZD 1	MTZ J27
ZD 2	RD30ESAB
ZD 2	MTZ J30
ZD 3	RD6.8ESAB
ZD 3	MTZ J6.8
V 1	ENE241D-10A
V 2	ENE471D-10A
AL 1	DSA-302MA
PC 1	PS2501-1
PC 1	PC817
VR 1	EVN DJA A03 BY2(331)
R 1	1/2W 470kΩ
R 2	1/2W 47kΩ
R 3	1/2W 47kΩ
R 4	
R 5	1/4W 22Ω
R 6	1/2W 82kΩ
R 7	1/2W 0.15Ω
R 8	1/4W 470Ω
R 9	1/4W 50kΩ～150kΩ
R 10	1/4W 330Ω
R 11	1/4W 15kΩ

No.	REMARKS

DRAWING NAME
POWER SUPPLY PARTS RATING LIST

DRAWING No. (TAIWAN)
HH3-5349

MODEL NAME	PART No.	REV.
FAX-B155	HH3-5349	01

配置 LOC.NO.	部番 PART NO.
R 12	1/4W 22kΩ
R 13	1/4W 15kΩ
R 14	1/4W 100Ω
R 15	1/4W 100Ω
R 16	1/4W 100Ω～1kΩ
R 17	1/4W 470Ω
R 18	1/4W 10kΩ
R 19	1W 2.2Ω
R 20	1/4W 4.7kΩ
R 21	1/4W 2.2kΩ
R 22	1/4W 68kΩ
R 23	1/4W 15kΩ
R 24	1/4W 1.3kΩ
R 25	未 挿 入
	NO PART
R 26	未 挿 入
	NO PART
R 27	1/2W 5.6kΩ
R 28	1/2W 5.6kΩ
R 29	1/2W 5.6kΩ
R 30	1/2W 5.6kΩ
R 31	1/2W 560Ω
R 32	1/2W 560Ω
R 33	1/2W 560Ω

配置 LOC.NO.	部番 PART NO.
R 34	1/4W 10Ω
R 35	1/4W 22kΩ
C 1	PA224
C 2	未 挿 入
	NO PART
C 3	未 挿 入
	NO PART — —
C 4	KLG200VBI50(M)
C 5	250V 0.0047μF
C 6	1kV 220pF
C 7	35V 39μF
C 8	50V 0.047μF
C 9	50V 470pF
C 10	25V 10μF
C 11	50V 4700pF
C 12	1kV 1500pF
C 13	35V 560μF
C 14	50V 1μF
C 15	1kV 220pF
C 16	25V 330μF
C 17	25V 330μF
C 18	16V 47μF
C 19	50V 22μF
C 20	ECKMRS222MBY

No.	REMARKS

DRAWING NAME
POWER SUPPLY PARTS RATING LIST

DRAWING No. (TAIWAN)
HH3-5349

MODEL NAME	PART No.	REV.
FAX-B155	HH3-5349	01

配置 LOC. NO.	部番 PART NO.
C 20	DE1007-B222K-KH
C 21	DE1210-E222M-KX
C 22	50V 0.1μF
PW 1	MN909-4001AT
F 1	2373.15
TH 1	KL07L005
TH 1	S5R1K10D315J
TH 1	M5R107C
CN 1	AP-300-3-B-7
CN 2	MN810-7501
CN 3	MN811-7501
MT 1	MN810-5003
MT 2	MN810-5001
MT 3	MN810-5002
CD 1	MN810-7502
O 1	SKB-1M
P/C 1	MN909-9001

No.	REMARKS

DRAWING NAME
POWER SUPPLY PARTS RATING LIST

DRAWING No. (TAIWAN)
HH3-5349

MODEL NAME	PART No.	REV.
FAX-B155	HH3-5349	01

配置 LOC.NO.	部番 PART NO.
T 1	PTTP113
L 1	TLF14CB 273 0R4
L 1	ELF15N004A
L 1	HF2022-253 0R4-01
IC 1	M51995AP
IC 2	UPC1093J
IC 3	UPC7805AHF
IC 3	NJM7805FA
Q 1	FS3KM-18A
Q 2	2SC1740S
Q 2	2SC945
D 1	ERA15-06
D 1	RL1N4004
D 2	ERA15-06
D 2	RL1N4004
D 3	ERA15-06
D 3	RL1N4004
D 4	ERA15-06
D 4	RL1N4004
D 5	ERA22-06
D 6	ERA18-02
D 7	1S2076A

配置 LOC.NO.	部番 PART NO.
D 7	1SS133
D 8	S3L20U
D 9	ERB32-02
D 10	ERB84-009
D 11	ERA18-02
ZD 1	RD30ESAB
ZD 1	MTZJ 30
ZD 2	RD30ESAB
ZD 2	MTZJ 30
ZD 3	RD6.8ESAB
ZD 3	MTZJ 6.8
V 1	ERZV10D471
V 1	ENE471-10A
V 2	ERZV10D471
V 2	ENE471-10A
AL 1	DSA-302MA
PC 1	PC123
VR 1	EVN DJA A03 BY2(331)
R 1	1/2W 470kΩ
R 2	1/2W 68kΩ
R 3	1/2W 68kΩ
R 4	1/2W 68kΩ

No.	REMARKS

DRAWING NAME
POWER SUPPLY PARTS RATING LIST

DRAWING No. (CHINA)
HH3-5350

MODEL NAME	PART No.	REV.
FAX-B155	HH3-5350	01

配置 LOC.NO.	部番 PART NO.
R 5	1/4W 22Ω
R 6	1/2W 82kΩ
R 7	1/2W 0.22Ω
R 8	1/4W 470Ω
R 9	1/4W 50kΩ～150kΩ
R 10	1/4W 330Ω
R 11	1/4W 12kΩ
R 12	1/4W 22kΩ
R 13	1/4W 15kΩ
R 14	1/4W 56Ω
R 15	1/4W 100Ω
R 16	1/4W 100Ω～1kΩ
R 17	1/4W 470Ω
R 18	1/4W 10kΩ
R 19	1W 2.2Ω
R 20	1/4W 4.7kΩ
R 21	1/4W 2.2kΩ
R 22	1/4W 68kΩ
R 23	1/4W 15kΩ
R 24	1/4W 1.3kΩ
R 25	(欠番)
	A MISSING NUMBER
R 26	(欠番)
	A MISSING NUMBER

配置 LOC.NO.	部番 PART NO.
R 27	1/2W 5.6kΩ
R 28	1/2W 5.6kΩ
R 29	1/2W 5.6kΩ
R 30	1/2W 5.6kΩ
R 31	1/2W 560Ω
R 32	1/2W 560Ω
R 33	1/2W 560Ω
R 34	1/4W 10Ω
R 35	1/4W 22kΩ
C 1	PA104
C 2	ECKMRS221MBY
C 2	DE0807-B221K-KH
C 3	ECKMRS221MBY
C 3	DE0807-B221K-KH
C 4	KLG400VB39(M)
C 5	250V 0.047μF
C 6	1kV 47pF
C 7	35V 39μF
C 8	50V 0.047μF
C 9	50V 470pF
C 10	25V 10μF
C 11	50V 4700pF

No.	REMARKS

DRAWING NAME
POWER SUPPLY PARTS RATING LIST

DRAWING No. (CHINA)
HH3-5350

MODEL NAME	PART No.	REV.
FAX-B155	HH3-5350	01

配置 LOC.NO.	部番 PART NO.
C 12	1kV 1500pF
C 13	35V 560μF
C 14	50V 1μF
C 15	1kV 220pF
C 16	25V 330μF
C 17	25V 330μF
C 18	16V 47μF
C 19	50V 22μF
C 20	ECKMRS222MEY
C 20	DE1007-B222K-KH
C 21	DE1210-1E222M-KX
C 22	50V 0.1μF
PW 1	MN908-4001AT
F 1	21502.5
TH 1	KL07L005TB
TH 1	S5R1K10D315J
TH 1	M5R107C
CN 1	AP-300-3-B-7
CN 2	MN810-7501
CN 3	MN811-7501
MT 1	MN810-5003
MT 2	MN810-5001

配置 LOC.NO.	部番 PART NO.
MT 3	MN810-5002
CD 1	MN810-7502
D 1	SKB-1M
P/C 1	MN811-9001

No.	REMARKS

DRAWING NAME
POWER SUPPLY PARTS RATING LIST

DRAWING No. (CHINA)
HH3-5350

MODEL NAME	PART No.	REV.
FAX-B155	HH3-5350	01

CHAPTER 2
SERVICE INFORMATION

SERVICE INFORMATION will be issued later.